Usenet Newsgroup Archive: rec.radio.amateur.digital.misc

2006

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Date span: 2006-01-08 through 2006-12-31

Source text: rec.radio.amateur.digital.misc.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 324

Message records with no readable body available in the source text: 13

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. Re: RigBlaster and FreeBSD

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-08 00:12:39 UTC
From: Steve Ahrendt <steve@repairguy.net>
Message-ID: <Le6dnUX649hpxV3enZ2dnUVZ_s-dnZ2d@comcast.com>
Source record: 954

Jack Twilley wrote:
> -----BEGIN PGP SIGNED MESSAGE-----
> Hash: SHA1
>
>
>>>>>>"Bob" == Bob Nielsen <nielsen@removethis.oz.net> writes:
>
>
> Jack> That explains a lot. I understand a little more now. What Unix
> Jack> software do you use for TNC purposes? I see a bunch of Windows
> Jack> support, but there's no obvious documentation or example code
> Jack> for Unix boxes. I have read that the RigBlaster comes with CDs
> Jack> of software, but there's no specifications out there that I can
> Jack> see.
>
> Bob> I don't know about FreeBSD, but most of the soundcard digital
> Bob> modes are supported in Linux. See http://radio.linux.org.au for
> Bob> appropriate links. To emulate a TNC, use soundmodem (originally
> Bob> a kernel driver, now a standalone user program which talks to the
> Bob> sound drivers) in conjunction with kernel AX.25 support (plus
> Bob> libax25, ax25-apps and ax25-tools).
>
> Kernel drivers are bad news for me. I'll look into the user-level
> soundmodem to see how it works and if anyone's already tried to make
> it go on FreeBSD.
>
> It's not really on topic for rradm, but I'd also like to hear from
> anyone who has any Linux/Unix software to generate those pretty
> "waterfall" displays I've seen on Windows software packages.

REALLY late but for the record here is a list of FreeBSD ham software I
compiled.

Port: cwdaemon-0.9.2 Path: /usr/ports/comms/cwdaemon
Info: Amateur Radio cw (morse code) keyer daemon
Maint: db@db.net
WWW: http://pg4i.mattsnetwork.co.uk/linux/cwdaemon.html

Port: echolinux-0.16a_2 Path: /usr/ports/comms/echolinux
Info: Amateur Radio Echolink client for UNIX
Maint: db@db.net
WWW: http://cqinet.sourceforge.net/

Port: gpredict-0.5.1 Path: /usr/ports/comms/gpredict
Info: Amateur Radio satellite tracking and prediction

Maint: matt@mattsnetwork.co.uk
WWW: http://groundstation.sourceforge.net/

Port: grig-0.2.2_3 Path: /usr/ports/comms/grig
Info: Amateur Radio control front-end
Maint: matt@mattsnetwork.co.uk
WWW: http://groundstation.sourceforge.net/

Port: hamlib-1.2.2 Path: /usr/ports/comms/hamlib
Info: Shared libraries for Amateur Radio Equipment Control Applications
Maint: ports@FreeBSD.org
WWW: http://sourceforge.net/projects/hamlib

Port: linrad-0.16a Path: /usr/ports/comms/linrad
Info: Amateur Radio DSP utility (SDR)
Maint: db@db.net
WWW: http://www.nitehawk.com/sm5bsz/linuxdsp/linrad.htm

Port: locator-0.1 Path: /usr/ports/comms/locator
Info: Grid square calculator program used in Amateur Radio and GPS work
Maint: db@db.net
WWW:

Port: nasawash-0.50 Path: /usr/ports/comms/nasawash
Info: Amateur Radio keplerian file cleanup program
Maint: db@db.net
WWW: http://www.amsat.org

Port: predict-2.2.2 Path: /usr/ports/comms/predict
Info: Satellite tracking program for amateur radio satellites
Maint: db@db.net
WWW: http://www.qsl.net/kd2bd/predict.html

Port: qsstv-6.0a Path: /usr/ports/comms/qsstv
Info: Amateur Radio SSTV/FAX reception program for unix
Maint: db@db.net
WWW: http://users.pandora.be/on1mh/

Port: thebridge-0.72 Path: /usr/ports/comms/thebridge
Info: Amateur Radio Echolink conference bridge
Maint: db@db.net
WWW: http://cqinet.sourceforge.net/

Port: tlf-0.9.19 Path: /usr/ports/comms/tlf
Info: Amateur Radio curses based logging program
Maint: db@db.net
WWW: http://home.iae.nl/users/reinc/TLF-0.2.html

Port: trustedqsl-1.11 Path: /usr/ports/comms/trustedqsl
Info: Amateur Radio Station electronic trusted logbook
Maint: db@db.net
WWW: http://www.trustedqsl.org

Port: wwl-1.2 Path: /usr/ports/comms/wwl
Info: Calculates distance (qrb) used in Amateur Radio
Maint: db@db.net
WWW:

Port: xastir-1.7.0 Path: /usr/ports/comms/xastir
Info: X Amateur Station Tracking and Information Reporting
Maint: carl@stagecraft.cx
WWW: http://www.xastir.org/

Port: xdx-1.2_3 Path: /usr/ports/comms/xdx
Info: Amateur Radio DX cluster monitor
Maint: matt@mattsnetwork.co.uk
WWW: http://www.qsl.net/pg4i/linux/xdx.html

Port: xlog-1.3 Path: /usr/ports/comms/xlog
Info: Amateur Radio logging application
Maint: matt@mattsnetwork.co.uk
WWW: http://pg4i.mattsnetwork.co.uk/linux/xlog.html

Port: aldo-0.6.11 Path: /usr/ports/comms/aldo
Info: Morse code training program
Maint: lambert@lambertfam.org
WWW: http://www.nongnu.org/aldo/

Port: p5-Convert-Morse-0.04 Path:
/usr/ports/converters/p5-Convert-Morse
Info: Perl module to convert between ASCII and Morse codes
Maint: ports@FreeBSD.org
WWW: http://search.cpan.org/dist/Convert-Morse/

Port: cwtext-0.94_1 Path: /usr/ports/textproc/cwtext
Info: Morse Code Generator
Maint: ports@FreeBSD.org
WWW: http://cwtext.sourceforge.net/

Port: acfax-0.981011_1 Path: /usr/ports/comms/acfax
Info: Recieve faxes using sound card and radio
Maint: ports@FreeBSD.org
WWW:

Port: hamfax-0.6.4 Path: /usr/ports/comms/hamfax
Info: QT application for sending and receiving facsimiles over radio
Maint: carl@stagecraft.cx
WWW: http://hamfax.sourceforge.net/

Port: kpsk-1.0_4 Path: /usr/ports/comms/kpsk
Info: A PSK31 digital radio communications application for the KDE
Maint: ports@FreeBSD.org
WWW: http://kpsk.sourceforge.net/

Port: nec2c-.9 Path: /usr/ports/comms/nec2c
Info: Used to calculate antenna patterns useful to ham radio
Maint: db@db.net

WWW: http://www.si-list.org/swindex2.html#nec2c

Port: splat-1.1.0 Path: /usr/ports/comms/splat
Info: Used in calculating path losses, useful to ham radio and others
Maint: db@db.net
WWW: http://www.qsl.net/kd2bd/splat.html

Port: yagiuda-1.19 Path: /usr/ports/comms/yagiuda
Info: Used to calculate yagi-uda antenna patterns useful to ham radio
Maint: db@db.net
WWW: http://www.g8wrb.org/yagi/index.html

Port: sattrack-3.1.6 Path: /usr/ports/astro/sattrack
Info: Real-time satellite tracking and orbit propagation program
Maint: ports@FreeBSD.org
WWW: http://www.bester.com/

Port: klog-0.3.2_1 Path: /usr/ports/comms/klog
Info: ADIF compatible logging application
Maint: az@FreeBSD.org
WWW: http://klog.berlios.de/

Port: qtpcr-1.1.3_1 Path: /usr/ports/comms/qtpcr
Info: Software that controls the ICOM PCR-1000 Receiver
Maint: ports@FreeBSD.org
WWW: http://www.physics.purdue.edu/~teepanis/qtpcr/

Port: gpsk31-0.3 Path: /usr/ports/comms/gpsk31
Info: A gtk psk31 client
Maint: xride@x12.dk
WWW:

Port: kpsk-1.0_4 Path: /usr/ports/comms/kpsk
Info: A PSK31 digital radio communications application for the KDE
Maint: ports@FreeBSD.org
WWW: http://kpsk.sourceforge.net/

Port: linpsk-0.8.1_1 Path: /usr/ports/comms/linpsk
Info: A qt psk31 client
Maint: xride@x12.dk
WWW: http://linpsk.sourceforge.net/

Port: twpsk-2.1 Path: /usr/ports/comms/twpsk
Info: A openmotif X psk31 client
Maint: xride@x12.dk
WWW:

73,
Steve
KD5FID

2. APRSPoint new version available !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-09 09:24:49 UTC
From: "hxc98@yahoo.com" <hxc98@yahoo.com>
Message-ID: <1136798689.422405.283160@g43g2000cwa.googlegroups.com>
Source record: 955

APRSPoint 2.2 is released. New features include,

1. Added TNC data view and TNC data log,
2. Enabled auto connect for AGW packet engine,
3. Fixed a bug handling weather station data,
4. Ability to load a default map view at startup,
5. Restore TNC settings when program exits.

and many more. The holiday sale is also extended for 2 more days.
Visist http://www.aprspoint.com for details. Thanks.

3. Re: APRSPoint new version available !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-09 14:55:52 UTC
From: Mike <Mike@nowhere.net>
Message-ID: <YPuwf.72411$OU5.14431@clgrps13>
Source record: 956

On Mon, 09 Jan 2006 01:24:49 -0800, hxc98@yahoo.com wrote:

> APRSPoint 2.2 is released. New features include,
>
> 1. Added TNC data view and TNC data log, 2. Enabled auto connect for AGW
> packet engine, 3. Fixed a bug handling weather station data, 4. Ability to
> load a default map view at startup, 5. Restore TNC settings when program
> exits.
>
> and many more. The holiday sale is also extended for 2 more days. Visist
> http://www.aprspoint.com for details. Thanks.

I had to hunt this info down somewhere in the faq page:
"Aprspoint runs on Windows XP, 2000, NT (with service pack 6), 98 and Me"

So why do people think that everyone uses Microsoft. Next time, I suggest
you add the OS requirements when you advertise your software on usenet.

Mike

4. Increase selectivity by a Q multiplier

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-12 09:44:53 UTC
From: SOMMERGIBILE <mym@iltonobody.it.invalid>
Message-ID: <43c62621$0$334$5fc30a8@news.tiscali.it>
Source record: 957
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx

http://web.tiscali.it/am2zy/

5. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-19 19:26:12 UTC
From: Tom the Canuck <tvaus@sympatico.ca>
Message-ID: <qJRzf.8223$924.201431@news20.bellglobal.com>
Source record: 958
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

"JJSomar" <jjsomar@gmx.de> wrote in message
news:dqoe9l$2ig$1@news.uni-paderborn.de...
> Paypal Magic !!!!! Earn ?5000 within 2 weeks with
ease!!!!!.
>
>
> Read this message until the end, and you will find out how the money flows
in easy !!!!.
> Follow the steps and it WILL work. Trust me !!!!!.
>
> It's NOT illegal and it is NOT a scam !!!!!.
>

It's *nice* to see another sucker join the bottom of the pyramid scheme.
I wonder when the structure will collapse . . . .

Tom the Canuck.

6. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-19 22:27:33 UTC
From: hhc314@yahoo.com
Message-ID: <1137709653.497618.151660@o13g2000cwo.googlegroups.com>
Source record: 959
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Tom, realize that many newsgroup readers are so young that they are not
familiar with the Ponzi scam. Otherwise they would not buy programs
that perpetuate the scheme (or scam).

http://home.nycap.rr.com/useless/ponzi/

Harry C.

7. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-19 22:36:25 UTC
From: Fred W4JLE <w4jle@w4jle.com>
Message-ID: <d51a1$43d01476$471d24c1$14966@ALLTEL.NET>
Source record: 960
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Now this is not a scam, simply send $1.00 from your paypal to
w4jle@w4jle.com. I won't do anything for you, you will get nothing in
return, and if I get enough suckers to bite I will go to OUTBACK Steak House
and enjoy a meal on you.

At least you know this won't cost more than a dollar, you need not worry
about getting screwed, I have already told you up front you are. So get your
guarenteed low cost screw job today!

<hhc314@yahoo.com> wrote in message
news:1137709653.497618.151660@o13g2000cwo.googlegroups.com...
> Tom, realize that many newsgroup readers are so young that they are not
> familiar with the Ponzi scam. Otherwise they would not buy programs
> that perpetuate the scheme (or scam).
>
> http://home.nycap.rr.com/useless/ponzi/
>
> Harry C.
>

8. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-19 22:46:02 UTC
From: GBrown <gkbrown@gwi.net>
Message-ID: <XP-dnbRI__AZiE3enZ2dnUVZ_t-dnZ2d@gwi.net>
Source record: 961
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

```
Do I get a seniors discount?
.
.
.
"Fred W4JLE" <w4jle@w4jle.com> wrote in message
news:d51a1$43d01476$471d24c1$14966@ALLTEL.NET...
> Now this is not a scam, simply send $1.00 from your paypal to
> w4jle@w4jle.com. I won't do anything for you, you will get nothing in
> return, and if I get enough suckers to bite I will go to OUTBACK Steak
House
> and enjoy a meal on you.
>
> At least you know this won't cost more than a dollar, you need not worry
> about getting screwed, I have already told you up front you are. So get
your
> guarenteed low cost screw job today!
>
> <hhc314@yahoo.com> wrote in message
> news:1137709653.497618.151660@o13g2000cwo.googlegroups.com...
> > Tom, realize that many newsgroup readers are so young that they are not
> > familiar with the Ponzi scam. Otherwise they would not buy programs
> > that perpetuate the scheme (or scam).
> >
> > http://home.nycap.rr.com/useless/ponzi/
> >
> > Harry C.
> >
>
>
```

9. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-19 23:00:33 UTC
From: Fred W4JLE <w4jle@w4jle.com>
Message-ID: <e88ac$43d01a1f$471d24c1$11563@ALLTEL.NET>
Source record: 962
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

```
Of course, Seniors over 55 may get their guarenteed screwing fo $.90 a
whopping 10% discount, again send your payment to w4jle@w4jle.com DO IT
TODAY! This offer may end at any time...

"GBrown" <gkbrown@gwi.net> wrote in message
news:XP-dnbRl__AZiE3enZ2dnUVZ_t-dnZ2d@gwi.net...
> Do I get a seniors discount?
> .
> .
> .
> "Fred W4JLE" <w4jle@w4jle.com> wrote in message
> news:d51a1$43d01476$471d24c1$14966@ALLTEL.NET...
> > Now this is not a scam, simply send $1.00 from your paypal to
> > w4jle@w4jle.com. I won't do anything for you, you will get nothing in
> > return, and if I get enough suckers to bite I will go to OUTBACK Steak
> House
> > and enjoy a meal on you.
> >
> > At least you know this won't cost more than a dollar, you need not worry
> > about getting screwed, I have already told you up front you are. So get
> your
> > guarenteed low cost screw job today!
> >
> > <hhc314@yahoo.com> wrote in message
> > news:1137709653.497618.151660@o13g2000cwo.googlegroups.com...
> > > Tom, realize that many newsgroup readers are so young that they are
not
> > > familiar with the Ponzi scam. Otherwise they would not buy programs
> > > that perpetuate the scheme (or scam).
> > >
> > > http://home.nycap.rr.com/useless/ponzi/
> > >
> > > Harry C.
> > >
> >
> >
>
>
```

10. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-19 23:21:27 UTC
From: SINYpyro <*removethis*vanquish@earthlink.net>
Message-ID: <X9Vzf.3243$vU2.2707@newsread3.news.atl.earthlink.net>
Source record: 963
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Kill yourself?

"JJSomar" <jjsomar@gmx.de> wrote in message
news:dqoe9l$2ig$1@news.uni-paderborn.de...
> Paypal Magic !!!!! Earn ?5000 within 2 weeks with
> ease!!!!!.
>
>
> Read this message until the end, and you will find out how the money flows
> in easy !!!!.
> Follow the steps and it WILL work. Trust me !!!!!.
>
> It's NOT illegal and it is NOT a scam !!!!!.
>
>
> The only thing you need is : - E-MAIL ACCOUNT
> - PREMIER (FREE) or BUSINESS PAYPAL ACCOUNT
> - ?5 on this account (The only investment)
> - 30 minutes of your time
>
> There is no limit on how much money you can recieve, and you haven't got
> anything to lose with this Business program. I will explain how it works
> !!!!!.
>
>
> Follow these 4 easy steps and it WILL work !!!!!.
>
>
> STEP 1 : SIGN UP FOR A FREE PAYPAL ACCOUNT !!!!!.
>
> Paypal is a free and safe way to pay and receive money on the
> Internet.
> Creating a account is as easy as creating a MSN account.
> Copy and paste the next line in your Internet browser and sign up.
> HTTP://WWW.PAYPAL.COM
>
> Be sure to sign up for a FREE Premier or Business account and not
> for
> a Personal account. You cannot receive CREDITCARD payments with
> a Personal account and we can't have that. Do we !!!!!.
>
>
> STEP 2 : SENT ?5 TO YOUR PAYPAL ACCOUNT

>
> This is your only investment to receive the money with ease.
>
> With your Paypal account, send ?1 to each e-mailadres listed
> below.
> !!!!! IMPORTANT !!!!! Be sure to use this SUBJECT : *PLEASE PUT ME
> ON
> YOUR EMAIL LIST* when you send the money.
>
> 1) dexxatol@netcourrier.com
> 2) armygirl8568@hotmail.com
> 3) bovenpietje@hotmail.com
> 4) tjoewonli@hotmail.com
> 5) jjsomar@gmx.de
>
>
> STEP 3 : PUT YOUR E-MAILADRES ON THE LIST
>
> After you have send ?1 to each e-mailadres, put your e-mailadres
> on the
> 5th place. Remove e-mailadres number 1, and move each e-mailadres
> 1
> step up the ladder. !!!!! IMPORTANT !!!!! BE SURE THAT THE
> E-MAILADRES
> YOU USE IS THE SAME AS YOU USED TO SIGN UP AT PAYPAL.
>
> Remember that this is LEGAL. You are creating a service : an
> e-mail
> servicelist.
>
>
> STEP 4 : UPLOAD OR COPY THIS MESSAGE TO NEWSGROUPS, FORUMS ETC
>
> There are 32.000 newsgroups. Upload or copy this message to at
> least
> 200 newsgroups or forums etc, but remember that the more your
> upload
> the more people will see your message and the MORE MONEY WILL FLOW
> IN.
>
> How to upload to newsgroups and forums? :
>
> After you have followed step 1,2,3 and 4, save this message (and
> copy
> so you can use it again). Use your Internet browser and Outlook
> Express
> or another newsreader and try to find FORUMS, NEWSGROUPS, BULLETIN
> BOARDS, DISCUSSION GROUPS, CHAT SITES and ONLINE COMMUNITIES. Use
> GOOGLE or use a NEWSERVER. Use every option to post this message.
> Download PostXpert to send 1 message to more NEWSGROUPS at the

> same time.
>
> !!!!! REMEMBER !!!!! The more you post this message the more MONEY WILL
> FLOW IN.
>
>
> Why does this Business program work so well !!!!!.
>
> Lets asume that from the 200 (or more) messages that you have posted, only
> 5
> people respond, you will have your ?5 back that you have invested. Those 5
> people will each send at least 200 messages with your e-mailadres on
> number 4.
> That's 5 x 5 x ?1 = ?25. The next 25 people will also send 200 messages
> with
> your adres on number 3. That's 25 x 5 x ?1 = ?125. The next 125 people
> also send
> 200 messages with your name on number 2. That's 125 x 5 x ?1 = ?625. Those
> 625
> people again also send 200 messages with your name on number 1. That will
> give
> us a total off 625 x 5 x ?1 = ?3.125. This is only a EXAMPLE with 5
> reactions.
> You WILL get MORE responses than that.
>
> Remember that most newsservers will leave the posted messages on there
> servers
> for about 2 weeks. If you will post your message again, it WILL again
> start
> from the beginning. So you can repeat this over and over again.
>
> Everyday MILLIONS of people are ONLINE and reading these messages, JUST
> LIKE
> YOU RIGHT NOW. I also was sceptical in the beginning and have read a lot
> of
> these messages. I also thought that it was bullshit. Until I thought :
> What the
> hell!, only ?5. What's ?5 and a couple of minutes of my time to solve my
> money
> problems.
>
> !!!!! REMEMBER !!!!! Follow every step, and IT WILL WORK, TRUST ME. !!!!!
>
>
>
> !!!!! BEST WISHES AND GOOD LUCK !!!!!
>
>
>
>

>

11. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-19 23:28:05 UTC
From: - exray - <exray@coqui.net>
Message-ID: <11t0847nt2gj29a@corp.supernews.com>
Source record: 964
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Fred W4JLE wrote:

> Now this is not a scam, simply send $1.00 from your paypal to
> w4jle@w4jle.com. I won't do anything for you, you will get nothing in
> return, and if I get enough suckers to bite I will go to OUTBACK Steak House
> and enjoy a meal on you.
>
> At least you know this won't cost more than a dollar, you need not worry
> about getting screwed, I have already told you up front you are. So get your
> guarenteed low cost screw job today!

Sounds like a scam to me! What if I send you a dollar and insist on
medium rare and the next guy who sends a dollar wants well-done? Are
you going to decide? Will you be sending our money back?
Sorry, I see this as only leading to problems. I'm not falling for it.

-Bill

12. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-20 01:41:47 UTC
From: amdx <amdx@worldnet.att.net>
Message-ID: <14990$43d04031$18d6b488$14336@KNOLOGY.NET>
Source record: 965
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Most young people, after paying social security taxes for a few years,
and listening to the news, ARE familiar with a Ponzi scheme. (or scam)
Mike

<hhc314@yahoo.com> wrote in message
news:1137709653.497618.151660@o13g2000cwo.googlegroups.com...
> Tom, realize that many newsgroup readers are so young that they are not
> familiar with the Ponzi scam. Otherwise they would not buy programs
> that perpetuate the scheme (or scam).
>
> http://home.nycap.rr.com/useless/ponzi/
>
> Harry C.
>

13. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-20 01:49:08 UTC
From: amdx <amdx@worldnet.att.net>
Message-ID: <174c$43d041ea$18d6b488$14817@KNOLOGY.NET>
Source record: 966
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

> Do I get a seniors discount?
> GBrown

You seniors! ya had 40 years to save yer money, an now
you want the youngsters to pay more so you can get a discount.

hurumph
Mike

14. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-20 03:06:24 UTC
From: Cecil Moore <mycall@arrl.net>
Message-ID: <QsYzf.10821$H71.4431@newssvr13.news.prodigy.com>
Source record: 967
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

amdx wrote:
> You seniors! ya had 40 years to save yer money, an now
> you want the youngsters to pay more so you can get a discount.

I won't live long enough to get back all I paid into social
security plus interest.
--
73, Cecil http://www.qsl.net/w5dxp

15. Register your opinion at HamPoll

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-20 15:31:48 UTC
From: Charles Brabham <n5pvl@sbcglobal.net>
Message-ID: <yn7Af.15213$Yu.1960@newssvr27.news.prodigy.net>
Source record: 968

HamPoll exists in order to give amateurs a chance to speak for themselves and to provide accurate, reliable polling data on a variety of issues related to the amateur radio service.

You are welcome to browse the polling data we have, but we especially encourage US amateurs visiting here to register with thier callsign and vote in the HamPoll Polling Station.

Whether you come to browse, to discuss or submit new polls, or to tender your vote, be sure to visit regularly as new polls are included from time to time and the poll data changes as more hams participate day to day.

Stop by at: http://www.hampoll.com

Charles Brabham, N5PVL
HamPoll Administrator

16. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-20 19:18:55 UTC
From: hhc314@yahoo.com
Message-ID: <1137784735.650874.68910@o13g2000cwo.googlegroups.com>
Source record: 969
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

amdx, still there are enough of the young guys and girls that are ignorant of the Ponzi type scam and buy these worthless software packages that annoy us all on a daily basis. I'll admit that some old fools also buy into these 'get rich for free' scams, however most of the seniors realize that nothing comes for free.

I simpy look at my junk mail file on Yahoo and pity the poor person that has been misled into buying into one of these scam products (the software, not the scam itself).

Naturally, from my curmogenous viewpoint, anyone that buys into these software scams is so stupid that they require treatment. Those that respond to the canned pratter that their software posts are so brain dead that they are beyond hospitalization and treatment.

Sometimes it is educational to read their patter. For example, on one day I received 5 junk mails sent by five different individuals, with identical text content. Evidently, they were all scammed by the same junk mail software seller!

I must have a perverse mind, because I find that funny.

Curmudgeonly yours, Harry C.

17. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-20 19:36:06 UTC
From: hhc314@yahoo.com
Message-ID: <1137785765.969348.81760@g14g2000cwa.googlegroups.com>
Source record: 970
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Same here Cecil.

The young kids don't have a clue about Social Security, because it isn't important to them at their time in life, nor was it for me when I was 25. None of us ever thought that we would live to see 65, hence it was just like income tax, something that you simply had to pay.

The problem is not for us elders, but for the younger people who will hopefully someday reach 65. Today, most of these kids don't realize is that the fault with the Social Security system is not in its basic design, but what I beleve is called SSI that allows anyone regardless of age to claim benefits unser Social Security by claiming some form of disability, even if they have never contributed to the system.

Just as an example, when I went to the Social Security office to claim my earned beneits, I was the only American present in the waiting area containing roughly 30 applicants. Most of these individuals were there seeking SSI benefits, few were American citizens, and most had never paid a dime into the system. This is precisely the problem that Social Security faces.

No wonder Social Security is in trouble. It is comparable to a corporation that pays dividends to people that don't even own stock in the company!

'Nuff said on that subject.

Curmudgeonly yours, Harry C.

18. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-20 19:58:59 UTC
From: amdx <amdx@worldnet.att.net>
Message-ID: <d8ac9$43d14102$18d6b488$28611@KNOLOGY.NET>
Source record: 971
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

>still there are enough of the young guys and girls that are
> ignorant of the Ponzi type scam
>
> Curmudgeonly yours, Harry C.
>
A class on consumerism ("they want to take your money") should be a
required
class in middle school.
And don't get me started on all the bogus, weight loss products, grow tall
products, second grade teacher developed common cold product, herbs that
will stop diabetes and
heart disease, anti hairloss products, improve your memory, shrink your
prostate, grow penis, cleanse your blood, detoxify your liver, give you more
energy, stop your joint pain, make you more appealing to the opposite sex, ,
improve your eyesight, slow
the ageing process, improve your circulation, make exercise easy, prevent
cancer, make
your skin beautiful, health restoring magnetic shoe inserts, magnetic water
enhancers.
I think you got me started ;-0
And speaking of curmudgeons, Andy Rooney said
" Happy birthday?--I DON'T THINK SO."
Mike, I promise to enjoy my day! Bye

19. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 00:35:02 UTC
From: "John O. Kopf" <kopfj@worldnet.att.net>
Message-ID: <43D181DC.19682475@worldnet.att.net>
Source record: 972
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Just forward all of the pyramid scam messages to:
FEDERAL TRADE COMISSION PYRAMID SCAM PROSECUTION <uce@ftc.gov>

A copy to the sender saying that posting this is a FEDERAL OFFENSE helps
as well! :>}

JK

hhc314@yahoo.com wrote:
>
> amdx, still there are enough of the young guys and girls that are
> ignorant of the Ponzi type scam and buy these worthless software
> packages that annoy us all on a daily basis. SNIP

20. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 04:45:17 UTC
From: GBrown <gkbrown@gwi.net>
Message-ID: <Q42dnVY9e9WoJkzeRVn-ug@gwi.net>
Source record: 973
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

And, how do you know that they didn't pay into the system. Was it the color
of there skin, there facial features, or did you have an inside scoop? What
makes you think there not citizens? Part of the problem is jumping to
conclusions.
I do understand your point and it does happen but to just blurt out
statements that mite be false, well.....

--

<hhc314@yahoo.com> wrote in message
news:1137785765.969348.81760@g14g2000cwa.googlegroups.com...
> Same here Cecil.
>
> The young kids don't have a clue about Social Security, because it
> isn't important to them at their time in life, nor was it for me when I
> was 25. None of us ever thought that we would live to see 65, hence it
> was just like income tax, something that you simply had to pay.
>
> The problem is not for us elders, but for the younger people who will
> hopefully someday reach 65. Today, most of these kids don't realize is
> that the fault with the Social Security system is not in its basic
> design, but what I beleve is called SSI that allows anyone regardless
> of age to claim benefits unser Social Security by claiming some form of
> disability, even if they have never contributed to the system.
>
> Just as an example, when I went to the Social Security office to claim
> my earned beneits, I was the only American present in the waiting area
> containing roughly 30 applicants. Most of these individuals were there
> seeking SSI benefits, few were American citizens, and most had never
> paid a dime into the system. This is precisely the problem that Social
> Security faces.
>
> No wonder Social Security is in trouble. It is comparable to a
> corporation that pays dividends to people that don't even own stock in
> the company!
>
> 'Nuff said on that subject.
>
> Curmudgeonly yours, Harry C.
>

21. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 05:27:41 UTC
From: Tom the Canuck <tvaus@sympatico.ca>
Message-ID: <kDjAf.22367$xk1.619062@news20.bellglobal.com>
Source record: 974
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

"GBrown" <gkbrown@gwi.net> wrote in message
news:Q42dnVY9e9WoJkzeRVn-ug@gwi.net...
> And, how do you know that they didn't pay into the system. Was it the
color
> of there skin, there facial features, or did you have an inside scoop?
What
> makes you think there not citizens? Part of the problem is jumping to
> conclusions.
> I do understand your point and it does happen but to just blurt out
> statements that mite be false, well.....
>
> --
>
> <hhc314@yahoo.com> wrote in message
> news:1137785765.969348.81760@g14g2000cwa.googlegroups.com...
> > Same here Cecil.
> >
> > The young kids don't have a clue about Social Security, because it
> > isn't important to them at their time in life, nor was it for me when I
> > was 25. None of us ever thought that we would live to see 65, hence it
> > was just like income tax, something that you simply had to pay.

Wow there GBrown,
Don't blast Harry C. He has a point. Up here in the great white north
known as Canada, I have seen deadbeats claim Social Insurance.
They do nothing to contribte to society, they just wait for 'check day'
to pay the rent, and blow the rest on beer and drugs only to be broke
in a day or two until the next month*. My taxes go towards paying them.
Is that right? I think not. Is it the same in the states? If one day I
need to
do the same, rest assured it will NOT be wasted on beer and drugs. I
have paid into this for many years. I would just want something back
from
all the $$$ I had deducted from my pay should I ever need it.
Tom the Canuck.

* Do they eat food? Utilities? I do not know and do not want to..
What they do for the rest of the month is beyond me.

22. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 05:44:31 UTC
From: hhc314@yahoo.com
Message-ID: <1137822271.315866.144350@g47g2000cwa.googlegroups.com>
Source record: 975
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

GBrown, the fact that they couldn't speak fluent English may have prejudiced my conclusion. It isn't very clear to me why the Social Security offices need interpreters. After all, anyone who has been in this country sufficiently long to seek Social Security benefits should at least be conversant in English, since that is the language that is spoken here.

When you see many people who appear to be under the age of 30 and cannot speak fluent English seeking SSI benefits, the red flag should go up for everyone. Where is the Green Card? Damn, what was wrong with the Ellis Island immigration procedure, and why did the US eliminate it? At that time your entry into the US was judged on your health, skills, and ability to provide for yourself and your family in the United States. During that era, no one came to the US for a free lunch, unlike today.

Realize that unless we secure our borders and return to the strict immigation policies of circa 1910, the US will become a human dumping ground for misfits from the balance of the world, and constructive citizens will no longer be able to support it and flee to other nations who, for the above reasons, close there borders to other than those that can contribute significantly to their country -- and for good reason.

I am pissed off because some of those "new arrivals" are immediately able to collect larger benefits from Social Security than I who have been paying into the system for more than 50 years! Yet, we wonder why Social Security is about to go bankrup! Dhuh!!!!

Sorry for the curmugenous attitude, but the pot of US money has limitations, and I believe that it should first be utilized for the benefit of US Citizens who have contiributed to the system for many decades, and not be wasted on on freeloaders who have obviously never made any contribution to the system.

Curmudgeonly yours, Harry C.

23. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 05:45:58 UTC
From: Tom the Canuck <tvaus@sympatico.ca>
Message-ID: <sUjAf.22371$xk1.620633@news20.bellglobal.com>
Source record: 976
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

"John O. Kopf" <kopfj@worldnet.att.net> wrote in message
news:43D181DC.19682475@worldnet.att.net...
> Just forward all of the pyramid scam messages to:
> FEDERAL TRADE COMISSION PYRAMID SCAM PROSECUTION <uce@ftc.gov>
>
> A copy to the sender saying that posting this is a FEDERAL OFFENSE helps
> as well! :>}
>
> JK
>
>

Hey John,
I like your post. Good idea.
What about those telemarketing companies that sell
worthless products from Canada to the US?
There is a telemarketing company in the building where
I worked. Being a smoker, I got to know a few of the
frequently replaced telemarketing sales staff.
The company in question sells a 'directory' of businesses
in the states. While smoking, I asked one of the sales people
what the product they were selling was good for. The reply
was toilet paper. I would tend to agree. I believe there were
several complaints to the attorney general of a particular state(s)
and I had a smile on my face when the local police raided their
place of business. Too bad they were back up and running the
very next week. How can we stop these assholes? It puts a bad
name on Canada. I feel ashamed that they can operate freely here.
Tom the Canuck.

24. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 05:56:12 UTC
From: Tom the Canuck <tvaus@sympatico.ca>
Message-ID: <22kAf.22374$xk1.621232@news20.bellglobal.com>
Source record: 978
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Harry C,
For what it is worth, I stand behind you 100%.
I hope you do not close your borders to your northern neighbours.
Read my post just above yours.
Tom the Canuck.

<hhc314@yahoo.com> wrote in message
news:1137822271.315866.144350@g47g2000cwa.googlegroups.com...
> GBrown, the fact that they couldn't speak fluent English may have
> prejudiced my conclusion. It isn't very clear to me why the Social
> Security offices need interpreters. After all, anyone who has been in
> this country sufficiently long to seek Social Security benefits should
> at least be conversant in English, since that is the language that is
> spoken here.
>
> When you see many people who appear to be under the age of 30 and
> cannot speak fluent English seeking SSI benefits, the red flag should
> go up for everyone. Where is the Green Card? Damn, what was wrong with
> the Ellis Island immigration procedure, and why did the US eliminate
> it? At that time your entry into the US was judged on your health,
> skills, and ability to provide for yourself and your family in the
> United States. During that era, no one came to the US for a free lunch,
> unlike today.
>
> Realize that unless we secure our borders and return to the strict
> immigation policies of circa 1910, the US will become a human dumping
> ground for misfits from the balance of the world, and constructive
> citizens will no longer be able to support it and flee to other nations
> who, for the above reasons, close there borders to other than those
> that can contribute significantly to their country -- and for good
> reason.
>
> I am pissed off because some of those "new arrivals" are immediately
> able to collect larger benefits from Social Security than I who have
> been paying into the system for more than 50 years! Yet, we wonder why
> Social Security is about to go bankrup! Dhuh!!!!
>
> Sorry for the curmugenous attitude, but the pot of US money has
> limitations, and I believe that it should first be utilized for the
> benefit of US Citizens who have contiributed to the system for many
> decades, and not be wasted on on freeloaders who have obviously never
> made any contribution to the system.
>

> Curmudgeonly yours, Harry C.
>

25. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 06:06:49 UTC
From: GBrown <gkbrown@gwi.net>
Message-ID: <6dydnXcJcZzMU0zeRVn-hw@gwi.net>
Source record: 977
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Harry, I understand your point, completely. I was getting at the fact that
how are we to judge who or who isn't eligible for SSI. I worked all my life
and it wont be long before I can step up to the SSI office and sign my
forms. I wish there were a way to weed out the imposters but you have to
start home. There are people in this country, citizens, that take full
advantage of the soft hearted liberals and reap the rewards. I really don't
know if there is a good fix to and old problem.
Gary
<hhc314@yahoo.com> wrote in message
news:1137822271.315866.144350@g47g2000cwa.googlegroups.com...
> GBrown, the fact that they couldn't speak fluent English may have
> prejudiced my conclusion. It isn't very clear to me why the Social
> Security offices need interpreters. After all, anyone who has been in
> this country sufficiently long to seek Social Security benefits should
> at least be conversant in English, since that is the language that is
> spoken here.
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> When you see many people who appear to be under the age of 30 and
> cannot speak fluent English seeking SSI benefits, the red flag should
> go up for everyone. Where is the Green Card? Damn, what was wrong with
> the Ellis Island immigration procedure, and why did the US eliminate
> it? At that time your entry into the US was judged on your health,
> skills, and ability to provide for yourself and your family in the
> United States. During that era, no one came to the US for a free lunch,
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> immigation policies of circa 1910, the US will become a human dumping
> ground for misfits from the balance of the world, and constructive
> citizens will no longer be able to support it and flee to other nations
> who, for the above reasons, close there borders to other than those
> that can contribute significantly to their country -- and for good
> reason.
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> able to collect larger benefits from Social Security than I who have
> been paying into the system for more than 50 years! Yet, we wonder why
> Social Security is about to go bankrup! Dhuh!!!!
>
> Sorry for the curmugenous attitude, but the pot of US money has
> limitations, and I believe that it should first be utilized for the
> benefit of US Citizens who have contiributed to the system for many

> decades, and not be wasted on on freeloaders who have obviously never
> made any contribution to the system.
>
> Curmudgeonly yours, Harry C.
>

26. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 06:18:21 UTC
From: hhc314@yahoo.com
Message-ID: <1137824301.081152.262210@g47g2000cwa.googlegroups.com>
Source record: 979
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

amdx, you posted:

"And speaking of curmudgeons, Andy Rooney said
" Happy birthday?--I DON'T THINK SO."

I must have missed seeing Andy say that, but it's so true that it made my day! Thank You!

I believe that it's somewhere after the age of 60 that the "Golden Years" are said to begin. In reality, the "Golden Years" consist of stays in the hopital where various parts of you are being removed. For recreation you begin to give things that were once precious to you to good friends. You worry about gas and electric bills, and tax bills, that essentially double yearly, and you're on a fixed income consisting of Social Security and a pension fund (if you have one). One day you realize that you're nearly 70 and no male member of your family has lived for more than 72 years. You still have a sex drive, but your wife hasn't since menopause. Then you realize your mortality and begin to complentate methods of disposing of your remains that don't present a burden on your family, like donating your body to science. When you go asleep at night, you wonder if you will wake up in the morning, since you hope that when you die it will be painless and in your sleep.

On the positive side, what helps to keep my spirit alive are both my Masonic and fireworks friends who both inspire me to accomplishments and dreams, as minimal as they may be. The computer helps a great deal, because the Internet has become what I had imagined 40 years ago -- a vast source of information.

Then too, I have again pontificated far too much, and if you are approaching the, welcome to the Golden Years! :-)

Harry C.

27. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 07:04:17 UTC
From: Tom the Canuck <tvaus@sympatico.ca>
Message-ID: <T1IAf.22386$xk1.625098@news20.bellglobal.com>
Source record: 981
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

"SINYpyro" <*removethis*vanquish@earthlink.net> wrote in message
news:X9Vzf.3243$vU2.2707@newsread3.news.atl.earthlink.net...
> Kill yourself?
>
<snip>

Why kill yourself when you can stay alive and fight this crap.
No need to resort to physical violence (I don't like the idea)
but instead use our intelligence to fight back.

Why not swamp the offender's inbox with e-mails.

SUBJECT: "How to make a million dollars easily from your home"

INSTRUCTIONS (body text):
Send me $2.00 by mail and I will send you complete instructions to be rich
quickly.
Please include a stamped self-addressed envelope.

(IMPORTANT: Get a PO Box for the address)

Your snail mail reply:
"WHAT TO SEND TO SUBJECT ON PAPER (they paid for it):"

SNAIL-MAIL SUBJECT:
(use this for your e-mail)
How to make a million dollars easily from your home

What to do to start::
SEND THIS E-MAIL:
Send me $2.00 and I will send you complete instructions to be rich quickly.
Please include a stamped self-addressed envelope.

{Insert your address here}

WHAT TO DO:
Mail the above paper message when you have $2 and envelope.

-

This can also work if you take out a classified ad in a local news paper.
There should be at least 1,000,000 morons in a large metropolis. Just send
the

same info but change it to say 'take out a classified ad'.

-

Why not sell 'solar powered cloths dryers' for $50.
Ship the sucker a cloths line. Technically you are not
in the wrong. It is 'solar powered' after all, unless it is
a cloudy day.

-

Give back some crap to the target who has been cross posting to various NG.
I was amazed to learn I posted to rec.radio.amateur.* groups. Your replies
were
there as well. I may check them out, it has been a long time since I made an
FM
transmitter.

==========
{back to pyro for a moment}

Just a thought, I know about the electric firing panel for pyro displays.
Lots of wires and switches. Is there any need for an RF ignition system?
It could cost a few more $$$ but you eliminate the long run of wires from
the
panel to the pyro items you want to ignite. A secure comm protocol would
prevent ignition by 'outside' sources. A laptop could be added to control
the
timing of events.to be fired. A simple User Interface to make it moron
proof.
What do you guys think? Just looking for ideas. Start another thread if you
like the idea. We can discuss details. I have made embedded systems for
about
the last 20 years. This idea is possible.
==========

Sorry, feeling a bit malicious tonight, (===pyro thought not included===)
Tom the Canuck.

P.S. $2 will NOT work in Canada.
We have those $1 and $2 coins to deal with.
(Maybe up the cost to $5 CDN)
$50 should work out just fine.

28. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 07:18:39 UTC
From: "Dr.Ace" <NoSpam@BedfordSucks.com>
Message-ID: <98d8f$43d1e047$4fc61f3$7169@DIALUPUSA.NET>
Source record: 980
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

<hhc314@yahoo.com> wrote in message
news:1137822271.315866.144350@g47g2000cwa.googlegroups.com...
> GBrown, the fact that they couldn't speak fluent English may have
> prejudiced my conclusion. It isn't very clear to me why the Social
> Security offices need interpreters. After all, anyone who has been in
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> United States. During that era, no one came to the US for a free lunch,
> unlike today.
>
> Realize that unless we secure our borders and return to the strict
> immigation policies of circa 1910, the US will become a human dumping
> ground for misfits from the balance of the world, and constructive
> citizens will no longer be able to support it and flee to other nations
> who, for the above reasons, close there borders to other than those
> that can contribute significantly to their country -- and for good
> reason.
>
> I am pissed off because some of those "new arrivals" are immediately
> able to collect larger benefits from Social Security than I who have
> been paying into the system for more than 50 years! Yet, we wonder why
> Social Security is about to go bankrup! Dhuh!!!!
>
> Sorry for the curmugenous attitude, but the pot of US money has
> limitations, and I believe that it should first be utilized for the
> benefit of US Citizens who have contiributed to the system for many
> decades, and not be wasted on on freeloaders who have obviously never
> made any contribution to the system.
>
> Curmudgeonly yours, Harry C.
>

Harry,
I agree with you. The waves of human parasites flowing into this once great
country are drowning our economy.

SEE
Life Long Welfare for Soon to be Citizens
http://www.islam-online.net/English/News/2004-07/24/article04.shtml

Another situation that comes to mind was the "Lost Boys" from the Sudan. The US flew them over here paid for their housing and all other expenses.
I am not against charity but charity begins at home. We have homeless, jobless, disabled Vets, etc.. that are not taken care of. Why the hell should we as a country bring or allow to enter foreigners that only desire to leach off what little fat is left of our land.
May God bless the U.S.A.
Ace - WH2T

29. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 07:27:18 UTC
From: Tom the Canuck <tvaus@sympatico.ca>
Message-ID: <snlAf.22392$xk1.625803@news20.bellglobal.com>
Source record: 982
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

"GBrown" <gkbrown@gwi.net> wrote in message
news:6dydnXcJcZzMU0zeRVn-hw@gwi.net...
> Harry, I understand your point, completely. I was getting at the fact that
> how are we to judge who or who isn't eligible for SSI. I worked all my
life
> and it wont be long before I can step up to the SSI office and sign my
> forms. I wish there were a way to weed out the imposters but you have to
> start home. There are people in this country, citizens, that take full
> advantage of the soft hearted liberals and reap the rewards. I really
don't
> know if there is a good fix to and old problem.
> Gary

Mr. GBrown,
In a sense I do not care what creed, colour, or nationality a person
comes from.
We are all human and live on this tiny blue marble called Earth.
{yes there are assholes in every group, even yours, ignore them, I do}
Let us judge by what a person does, not where they come from. Does it
matter?
If you contribute to our "society" (needs improvement) they are fine, if
they live off
the labours of others I object. Perhaps we should adopt the thinking
that we are all
one people on this planet. Are you going to blast me because my parents
came from
Estonia? (If you don't know where it is, look it up)
Ignorance and prejudice are rampant on our planet. Can we not do better?
What about your "equality and liberty for all" in your constitution? Did
that include
owning slaves from Africa? Open your eyes, see the world for what it is,
embrace
other ideas from other cultures and learn from them. Tunnel vision is a
downfall for
the existence of mankind.
This is what I think, you may thing otherwise. I can not stop you from
thinking the
way that you do, you can not stop me from thinking my way.
Tom the Canuck.

30. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 20:35:13 UTC
From: microwaves@blueyonder.co.uk
Message-ID: <43d29aca.201648655@news.blueyonder.co.uk>
Source record: 983
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

On 20 Jan 2006 21:44:31 -0800, hhc314@yahoo.com wrote:

>GBrown, the fact that they couldn't speak fluent English may have
^^
>prejudiced my conclusion.

You mean they were from Louisiana :-) ?

31. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 20:36:47 UTC
From: microwaves@blueyonder.co.uk
Message-ID: <43d39b1a.201729381@news.blueyonder.co.uk>
Source record: 984
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

On 20 Jan 2006 21:44:31 -0800, hhc314@yahoo.com wrote:

>Realize that unless we secure our borders and return to the strict
>immigation policies of circa 1910, the US will become a human dumping
>ground for misfits from the balance of the world,

Those old rules didn't keep out the Mafia immigrants from IT land..

32. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 21:54:23 UTC
From: Red Eyes <noone@home.net>
Message-ID: <E1yAf.9075$TK2.6011@bignews1.bellsouth.net>
Source record: 985
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

"Peter" <microwaves@blueyonder.co.uk> wrote in message
news:43d39b1a.201729381@news.blueyonder.co.uk...
> On 20 Jan 2006 21:44:31 -0800, hhc314@yahoo.com wrote:
>
>>Realize that unless we secure our borders and return to the strict
>>immigation policies of circa 1910, the US will become a human dumping
>>ground for misfits from the balance of the world,

Oh, you mean like Australia...

33. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 22:03:50 UTC
From: Cecil Moore <mycall@arrl.net>
Message-ID: <adyAf.13420$H71.6508@newssvr13.news.prodigy.com>
Source record: 986
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Red Eyes wrote:
> Oh, you mean like Australia...

I saw a special on TV where one lady who had been jailed
in England and exiled to Australia wound up being a very
successful business woman, politician, and wife. Her
progeny now numbers in the hundreds.
--
73, Cecil http://www.qsl.net/w5dxp

34. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 22:14:30 UTC
From: "John O. Kopf" <kopfj@worldnet.att.net>
Message-ID: <43D2B26F.E715A14B@worldnet.att.net>
Source record: 987
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Take away their TP! :>}

JK

Tom the Canuck wrote:
>
> SNIP
>
> Hey John,
> I like your post. Good idea.
> What about those telemarketing companies that sell
> worthless products from Canada to the US?
> There is a telemarketing company in the building where
> I worked. Being a smoker, I got to know a few of the
> frequently replaced telemarketing sales staff.
> The company in question sells a 'directory' of businesses
> in the states. While smoking, I asked one of the sales people
> what the product they were selling was good for. The reply
> was toilet paper. I would tend to agree. I believe there were
> several complaints to the attorney general of a particular state(s)
> and I had a smile on my face when the local police raided their
> place of business. Too bad they were back up and running the
> very next week. How can we stop these assholes? <=========

SNIP

35. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 22:26:33 UTC
From: Cecil Moore <mycall@arrl.net>
Message-ID: <tyyAf.13429$H71.605@newssvr13.news.prodigy.com>
Source record: 988
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

John O. Kopf wrote:
> Take away their TP! :>}

I just relax and have fun with telemarketers. If they are
selling something I have to read, I tell them I'm blind
(which is only a half-lie). Whatever it is they are
selling, I'm too handicapped to be able to use it. :-)

For those whose native language is not English, I start
talking in Texan. "Ah reckon Ah ain't cottonin' to
palaverin' with y'all directly". I'll bet Reg would even
have a problem with that one. :-)
--
73, Cecil http://www.qsl.net/w5dxp

36. Any interest in CML Microcircuits cool ICs?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 22:29:50 UTC
From: PrettyZebra <prettyzebra@not.here>
Message-ID: <Xns9752B200072CAprettyzebra@216.196.97.131>
Source record: 989

I recently got pointed to CML Microcircuits website (www.cmlmicro.com), and was amazed to see so many narrowband wireless chips, many of which included "amateur" as one of their applications.

The CMX882 part looks especially tasty since it not only had a 1200/2400 AFSK modem built in, it also had framing, CRC, and FORWARD ERROR CORRECTION built in!

Another, slicker part (CMX7031) not only does that but is, in fact, everything a VHF/UHF wireless modem is except for the RF/IF amps, RX/TX switching, and mixing, with two identical, independent synthesizer PLLs.

I've requested two samples of the CMX882 part, and I'm hoping they'll take me seriously. I can spend a day doing some uC coding and I'll get those puppies RUNNING. I would love to test AFSK packet on a noisy channel with interleaved FEC.

Marshall
WA3VPZ

37. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-21 22:47:20 UTC
From: Fred W4JLE <w4jle@w4jle.com>
Message-ID: <5a773$43d2ba04$97d56b99$16471@ALLTEL.NET>
Source record: 990
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

I always answer them really loud, then I tell them to hold on while I get my hearing aid. Wait about 5 minutes and say hello again really loud. If they are still there tell them the batteries are dead and to hold while you get new batteries. Wait 5 more minutes and once again loud hello, if they are still there cuss and say you got the wrong batteries and their not working...

You get the idea, totally frustrate them. I have never had one wait beyond the initial getting the hearing aid.

"Cecil Moore" <mycall@arrl.net> wrote in message
news:tyyAf.13429$H71.605@newssvr13.news.prodigy.com...
> John O. Kopf wrote:
> > Take away their TP! :>}
>
> I just relax and have fun with telemarketers. If they are
> selling something I have to read, I tell them I'm blind
> (which is only a half-lie). Whatever it is they are
> selling, I'm too handicapped to be able to use it. :-)
>
> For those whose native language is not English, I start
> talking in Texan. "Ah reckon Ah ain't cottonin' to
> palaverin' with y'all directly". I'll bet Reg would even
> have a problem with that one. :-)
> --
> 73, Cecil http://www.qsl.net/w5dxp

38. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-22 13:41:36 UTC
From: "Michael A. Terrell" <mike.terrell@earthlink.net>
Message-ID: <43D38B6C.24B2290C@earthlink.net>
Source record: 991
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Fred W4JLE wrote:
>
> I always answer them really loud, then I tell them to hold on while I get my
> hearing aid. Wait about 5 minutes and say hello again really loud. If they
> are still there tell them the batteries are dead and to hold while you get
> new batteries. Wait 5 more minutes and once again loud hello, if they are
> still there cuss and say you got the wrong batteries and their not
> working...
>
> You get the idea, totally frustrate them. I have never had one wait beyond
> the initial getting the hearing aid.

Sometimes I let them get all the way through their spiel, then I tell them that it really sounds great and that if I ever get well enough to go back to work, I might be able to buy it It really pisses them off. ;-) Other times I just tell them right away that I am 100% disabled, and in too much pain to put up with them. Of course, being on the national "Do not call list" stopped almost all of those irritating calls. The only problem I have is some deadbeat is, or has given out my phone number when they bought crap on credit. I keep a list of these calls and if I get a second call from a company I scream at them while demanding that they leave me alone, or I will have a lawyer on their ass for trying to collect someone else's debt from me.

The only ones too stupid to listen was "Countrywide" which was some kind of mortgage or lending company who had someone different call each time, from different phone numbers. They finally left a message on my answering machine with an "800" number stating that it was an emergency, but didn't identify themselves. It was their headquarters, and I really tore into them, informing them that I had repeatedly told their phone monkeys they had the wrong phone number, that I was a 100% disabled veteran, and that I was not going to put up with even one more phone call. I laughed and told them that if I did get one, that I would call friends at a TV station to have their local office investigated by their news department for violating a lot of different laws, and that I was going to turn over my hand written logs of all of their calls, along with their misleading telephone message. I asked what they thought that would do to their business in the area, just before I hung up my phone. I never heard from them again. :)

--
Service to my country? Been there, Done that, and I've got my DD214 to prove it.

Member of DAV #85.

Michael A. Terrell
Central Florida

39. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-24 00:45:38 UTC
From: Steve Nosko <suteuve.nosukowicuz@moutouroula.com>
Message-ID: <dr3tbi$7a5$1@engnntp2.cig.mot.com>
Source record: 992
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

<hhc314@yahoo.com> wrote in message
news:1137785765.969348.81760@g14g2000cwa.googlegroups.com...
> Same here Cecil.
>
> ...
> The problem is not for us elders, but for the younger people who will
> hopefully someday reach 65.

If someone is too young to worry about this, it won't be 65, but higher.
If your retirement age is within 5 years, it's already 66.

> Today, most of these kids don't realize is
> that the fault with the Social Security system is not in its basic
> design,

I don't know the ratio of SS to SSI, but it's all the original ponzi
scheme.

Just as Curmudgeonly yours, Steve, K,9.D;C'I

40. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-24 00:59:41 UTC
From: Steve Nosko <suteuve.nosukowicuz@moutouroula.com>
Message-ID: <dr3u5t$800$1@engnntp2.cig.mot.com>
Source record: 993
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

<hhc314@yahoo.com> wrote in message
news:1137709653.497618.151660@o13g2000cwo.googlegroups.com...
> Tom, realize that many newsgroup readers are so young that they are not
> familiar with the Ponzi scam. ...
>
> http://home.nycap.rr.com/useless/ponzi/
> Harry C.

Digressing even further...telemarketers...

One evening when Wife was out doing schooling, a telemarkerter called. I knew by the blank beginning while the computer connected the next operator.

Tele: "Is Mrs N. Home?"

Me: (somewhat grufly) "She's not here."

Tele: "Is Mr. N home?"

Me: (More Grufly) "Haven't seen him in three weeks!"

Tele: "Oh, then I'll call back at a more convenient time."

C R A C K E D me up.

How do I think of this stuff??

So far, 3/4 times I got the septic additive salesman to hang up on me... "Now, After dumping $175 of your powder down the pot, how will I know if the stuff is really working like you say...." The 4th time, I couldn't shake him...even though I finally told him I was only going on to keep him on as long as I could to keep him from bothering as many others. I had to hang up...shucks!

73, Steve, K,9.D;C'I

41. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-24 04:26:26 UTC
From: "Michael A. Terrell" <mike.terrell@earthlink.net>
Message-ID: <43D5AC4F.C941345E@earthlink.net>
Source record: 994
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

Steve Nosko wrote:
>
> Digressing even further...telemarketers...
>
> One evening when Wife was out doing schooling, a telemarkerter called. I
> knew by the blank beginning while the computer connected the next operator.
>
> Tele: "Is Mrs N. Home?"
>
> Me: (somewhat grufly) "She's not here."
>
> Tele: "Is Mr. N home?"
>
> Me: (More Grufly) "Haven't seen him in three weeks!"
>
> Tele: "Oh, then I'll call back at a more convenient time."
>
> C R A C K E D me up.
>
> How do I think of this stuff??
>
> So far, 3/4 times I got the septic additive salesman to hang up on me...
> "Now, After dumping $175 of your powder down the pot, how will I know if the
> stuff is really working like you say...." The 4th time, I couldn't shake
> him...even though I finally told him I was only going on to keep him on as
> long as I could to keep him from bothering as many others. I had to hang
> up...shucks!
>
> 73, Steve, K,9.D;C'I

Years ago (Before Caller ID) I had the same heating and air
conditioning company call me over 30 times in one week. Nothing worked
with this woman. She was insistent that I just HAD to have my central
air conditioning "Tuned up", even after I told her repeatedly I didn't
have central air, or even a window air conditioner. Finally, I asked
her how many incoming phone lines they had, then I told them that if I
got one more call from them that I would contact everyone I knew to have
them call and pretend to be interested in their repair services or to
buy a new system, then give them fake addresses, or just keep the phone
lines tied up to prevent real customers from being able to reach them.
I was informed by her that it was harassment, but I just laughed and
asked how they would know which calls were real, from the others. I
asked why I should return the harassment I had received from her all

week long. She never called me again.

--
Service to my country? Been there, Done that, and I've got my DD214 to
prove it.
Member of DAV #85.

Michael A. Terrell
Central Florida

42. Re: How to earn money with PAYPAL!!!! 37

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-27 01:18:51 UTC
From: Tom Ring <news0002@taring.org>
Message-ID: <43d974fb$0$33682$39cecf19@news.twtelecom.net>
Source record: 995
Cross-posted to:
rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

hhc314@yahoo.com wrote:
> Same here Cecil.
>
> The young kids don't have a clue about Social Security, because it
> isn't important to them at their time in life, nor was it for me when I
> was 25. None of us ever thought that we would live to see 65, hence it
> was just like income tax, something that you simply had to pay.
>
> The problem is not for us elders, but for the younger people who will
> hopefully someday reach 65. Today, most of these kids don't realize is
> that the fault with the Social Security system is not in its basic
> design, but what I beleve is called SSI that allows anyone regardless
> of age to claim benefits unser Social Security by claiming some form of
> disability, even if they have never contributed to the system.
>
> Just as an example, when I went to the Social Security office to claim
> my earned beneits, I was the only American present in the waiting area
> containing roughly 30 applicants. Most of these individuals were there
> seeking SSI benefits, few were American citizens, and most had never
> paid a dime into the system. This is precisely the problem that Social
> Security faces.
>
> No wonder Social Security is in trouble. It is comparable to a
> corporation that pays dividends to people that don't even own stock in
> the company!
>
> 'Nuff said on that subject.
>
> Curmudgeonly yours, Harry C.
>

Social Security is in trouble because when they figured the original
numbers, the average person lived to 65, so the government thought they
would, more or less, never really have to pay anything significant out.
That changed due to decent medical science, as most people in this
group (rraa is where I am right now) are more than aware.

Social Security has been busted for more than a couple decades, and none
of the bastards in the Senate or Congress or the Administration have had
the balls to let it just disappear. It is a dinosaur. And please note
I never mentioned a party here, since all are guilty of just covering
their asses just to get through another term.

And, at 52, I am one of the people that's going to lose evcerything that the government stole from me and gave away in this deal, so don't start ripping me for not caring.

Tom
K0TAR

43. do I have to rebuilt the kernel to enable AX25?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-28 20:13:33 UTC
From: anpap@my-deja.com
Message-ID: <1138479213.573357.165960@z14g2000cwz.googlegroups.com>
Source record: 997

I'm trying to rebuild a kernel (2.4.25) for RedHat 9.0 to include
support for AX25.
I have many problems so far like Sound card not working, network not
working,
errors for loading modules etc.
I was wondering whether I can enable AX25 support for the without
having to rebuild
the kernel. Can it be done by only using modules?
Is there a how-to for this?

thanks,

Andreas

44. Re: do I have to rebuilt the kernel to enable AX25?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-28 20:53:47 UTC
From: devnull@ec.rr.com
Message-ID: <vRQCf.38078$iQ.1128@tornado.southeast.rr.com>
Source record: 998

http://www.tldp.org/HOWTO/AX25-HOWTO/index.html

45. Re: do I have to rebuilt the kernel to enable AX25?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-28 21:34:44 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <kk4ta3-fo1.ln1@p400bob.personal.cox.net>
Source record: 999

Hi Andreas..

Modules generally speaking are part of the kernel build. You need
"hooks" in the kernel itself to talk to modules. (AFAIK)

I suggest you get the sources that go with your current kernel and check
to see if AX25 has been enabled. For a while there I think only SuSE had
it included by default. (Maybe 5 years ago) Have a look at the default
.config file for Y/N/M answers. Your distro should have documented what
the comfiguration answers were.

Also keep in mind that if you are manually loading modules there maybe
dependencies to be satisfied. ie you have to modprobe or insmod
something else before another.

Sorry this wasnt kuch help.

Cheers Bob Vk2YQA

anpap@my-deja.com wrote:
>
> I'm trying to rebuild a kernel (2.4.25) for RedHat 9.0 to include
> support for AX25.
> I have many problems so far like Sound card not working, network not
> working,
> errors for loading modules etc.
> I was wondering whether I can enable AX25 support for the without
> having to rebuild
> the kernel. Can it be done by only using modules?
> Is there a how-to for this?
>
> thanks,
>
> Andreas
>

46. A Space Suit with a 145.990Mhz (FM) transceiver!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-29 20:04:39 UTC
From: CQ <geenmail@geenmail.net>
Message-ID: <43dbce59$0$12833$ba620dc5@text.nova.planet.nl>
Source record: 996

Hello All,

At Friday 3 februari 2006 will be SUITSAT launched -
from out of the ISS Space Station into space.
In the Space Suit is a a transceiver which send voice
greetings in various languages.
Also SSTV pictures (mode: robot 36) will be send
down to earth.
For those who received the SUISAT signals can
request a special certificate!

Probably you can receive Suit Sat with a simple GP vertical.
Better is an yagi (or trie both to switch).
I hope amateurs will report here how strong they receive
the suitsat signals (and what antenna you have used).

More info you can see on amsat or:
http://pd0rkc.ontwikkel.nl

Please publish this message on websites (unique event!).

73's Cor PD0RKC

47. Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-31 15:02:39 UTC
From: gfilion@gmail.com
Message-ID: <1138719759.587807.123920@g43g2000cwa.googlegroups.com>
Source record: 1000

Hi all,

I'm trying to setup a wireless link between two Linux using ConnexLink 900 MHz serial modems (http://www.aerocomm.com/Devices/link.htm). One side (ali) is a regular PC running Debian Linux testing and the other side (SLUG) is a NSLU2 running N7IPB's OpenSlug mod (http://wetnet.net/).

The AX.25 link seem to work fine, I'm able to communicate between the two sides with "call", but I can't figure out how to pass TCP/IP through the link.

Anyone idea about what's going on?

Here's the relevant (I think) data from both hosts:

```
========================================
root@SLUG:~# cat /etc/ax25/axports
#Name Callsign baudrate paclen window Description
connex VA2JF-0 115200 1500 1 ConnexLink 900 MHz
root@SLUG:/etc/ax25# /usr/sbin/kissattach -l /dev/ttyUSB0 connex
172.25.25.2
AX.25 port connex bound to device ax0
root@SLUG:~# ifconfig ax0
ax0 Link encap:UNSPEC HWaddr
AC-82-64-94-8C-40-00-FF-00-00-00-00-00-00-00-00
inet addr:172.25.25.2 Bcast:172.25.255.255 Mask:255.255.0.0
UP BROADCAST RUNNING MTU:1500 Metric:1
RX packets:301 errors:0 dropped:0 overruns:0 frame:0
TX packets:61 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:10
RX bytes:17345 (16.9 KiB) TX bytes:2788 (2.7 KiB)
root@SLUG:~# /sbin/route -n
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use
Iface
172.25.25.0 0.0.0.0 255.255.255.0 U 0 0 0
ax0
192.168.0.0 0.0.0.0 255.255.255.0 U 0 0 0
eth0
172.25.0.0 0.0.0.0 255.255.0.0 U 0 0 0
ax0
0.0.0.0 192.168.0.3 0.0.0.0 UG 0 0 0
eth0
root@SLUG:~# mheard
Callsign Port Packets Last Heard
```

```
VA2JF-1 connex 463 Mon Dec 19 21:08:44
root@SLUG:~# axparms -route list
callsign dev mode digipeaters

root@SLUG:~# ping -c 10 172.25.25.1
PING 172.25.25.1 (172.25.25.1): 56 data bytes

--- 172.25.25.1 ping statistics ---
10 packets transmitted, 0 packets received, 100% packet loss
=====================================
root@ali:~# cat /etc/ax25/axports
# name callsign speed paclen window description
connex VA2JF-1 115200 1500 1 ConnexLink 900 MHz
root@ali:# kissattach -l /dev/ttyS1 connex 172.25.25.1
AX.25 port connex bound to device ax0
gfk@ali:~$ /sbin/ifconfig ax0
ax0 Link encap:AMPR AX.25 HWaddr VA2JF-1
inet addr:172.25.25.1 Bcast:172.25.255.255 Mask:255.255.0.0
UP BROADCAST RUNNING MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:165 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:10
RX bytes:0 (0.0 b) TX bytes:8085 (7.8 KiB)

gfk@ali:~$ /sbin/route -n
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use
Iface
172.25.25.0 0.0.0.0 255.255.255.0 U 0 0 0
ax0
10.10.16.0 0.0.0.0 255.255.255.0 U 0 0 0
eth0
192.168.0.0 0.0.0.0 255.255.255.0 U 0 0 0
eth0
172.25.0.0 0.0.0.0 255.255.0.0 U 0 0 0
ax0
0.0.0.0 192.168.0.3 0.0.0.0 UG 0 0 0
eth0
gfk@ali:~$ mheard
Callsign Port Packets Last Heard
VA2JF connex 118 Sat Jan 28 16:44:54
gfk@ali:~$ sudo axparms -route list
callsign dev mode digipeaters

gfk@ali:~$ ping -c 10 172.25.25.2
PING 172.25.25.2 (172.25.25.2) 56(84) bytes of data.
>From 172.25.25.1 icmp_seq=1 Destination Host Unreachable
>From 172.25.25.1 icmp_seq=2 Destination Host Unreachable
>From 172.25.25.1 icmp_seq=3 Destination Host Unreachable
>From 172.25.25.1 icmp_seq=4 Destination Host Unreachable
>From 172.25.25.1 icmp_seq=5 Destination Host Unreachable
```

```
>From 172.25.25.1 icmp_seq=6 Destination Host Unreachable
>From 172.25.25.1 icmp_seq=7 Destination Host Unreachable
>From 172.25.25.1 icmp_seq=8 Destination Host Unreachable
>From 172.25.25.1 icmp_seq=9 Destination Host Unreachable
>From 172.25.25.1 icmp_seq=10 Destination Host Unreachable

--- 172.25.25.2 ping statistics ---
10 packets transmitted, 0 received, +10 errors, 100% packet loss, time
9020ms
, pipe 4
========================================

Thanks a lot and 73,
GFK's

PS: I was able to make the link work with PPP, but PPP requires a
full-duplex link. So I had to enable the full-duplex simulation of the
modem. This cut the available bandwidth in half. I'm trying to see if
AX.25 would perform better since it doesn't require full duplex.

--
Guillaume Filion, ing. jr
Logidac Tech., Beaumont, Québec, Canada - http://logidac.com/
PGP Key and more: http://guillaume.filion.org/
```

48. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-01-31 15:42:41 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <i4d4b3-99d.ln1@p400bob.personal.cox.net>
Source record: 851

Gidday

The setup looks okay at first glance,

Is a -0 SSID valid for a hardware address?

Is gfk@ali a root user? I had lots of trouble running TCP/IP AX25 apps
as a non priv user on my old SuSE system. Something about denying port
access. Didnt actually try "call" in user mode though.

Strange how SLUG's ifconfig doesnt show the hardware address. There has
to be an ARP system somewhere. ie the TCP/IP system must know which
hardware to bind to, then a map of the remote devices IP vs hardware
layer address. One of the first things that happens in a TCP/IP
conversation is for the sender to shout out on the network "who has this
IP address". The unit that has the address says "me me me!" which
advises the sender the correlation between hardware and IP.

Perhaps ARP is timing out? Hmmm. Well you can certainly add a static
entry for each end of the link. This will also make first data exchange
a little faster;

arp -a - lists the known table

On ali
arp -s 172.25.25.2 VA2JF-0

On SLUG
arp -s 172.25.25.1 VA2JF-1

On slug you also might like to set the HW address manually;
ifconfig ax0 hw ax25 VA2JF-0

Then try the ping again..

Tell us how you go..

OBTW I remember too that tcpdump doesnt work on an ax25 interface. You
might try that to see if you get any valid data. This will show the arp
conversation as well as IP> Ethereal is also a nice GUI of this.

Cheers Bob W5/VK2YQA East Texas

gfilion@gmail.com wrote:
>
> Hi all,
>
> I'm trying to setup a wireless link between two Linux using ConnexLink
> 900 MHz serial modems (http://www.aerocomm.com/Devices/link.htm). One

> side (ali) is a regular PC running Debian Linux testing and the other
> side (SLUG) is a NSLU2 running N7IPB's OpenSlug mod
> (http://wetnet.net/).
>
> The AX.25 link seem to work fine, I'm able to communicate between the
> two sides with "call", but I can't figure out how to pass TCP/IP
> through the link.
>
> Anyone idea about what's going on?
>
> Here's the relevant (I think) data from both hosts:
> ======================================
> root@SLUG:~# cat /etc/ax25/axports
> #Name Callsign baudrate paclen window Description
> connex VA2JF-0 115200 1500 1 ConnexLink 900 MHz
> root@SLUG:/etc/ax25# /usr/sbin/kissattach -l /dev/ttyUSB0 connex
> 172.25.25.2
> AX.25 port connex bound to device ax0
> root@SLUG:~# ifconfig ax0
> ax0 Link encap:UNSPEC HWaddr
> AC-82-64-94-8C-40-00-FF-00-00-00-00-00-00-00-00
> inet addr:172.25.25.2 Bcast:172.25.255.255 Mask:255.255.0.0
> UP BROADCAST RUNNING MTU:1500 Metric:1
> RX packets:301 errors:0 dropped:0 overruns:0 frame:0
> TX packets:61 errors:0 dropped:0 overruns:0 carrier:0
> collisions:0 txqueuelen:10
> RX bytes:17345 (16.9 KiB) TX bytes:2788 (2.7 KiB)
> root@SLUG:~# /sbin/route -n
> Kernel IP routing table
> Destination Gateway Genmask Flags Metric Ref Use
> Iface
> 172.25.25.0 0.0.0.0 255.255.255.0 U 0 0 0
> ax0
> 192.168.0.0 0.0.0.0 255.255.255.0 U 0 0 0
> eth0
> 172.25.0.0 0.0.0.0 255.255.0.0 U 0 0 0
> ax0
> 0.0.0.0 192.168.0.3 0.0.0.0 UG 0 0 0
> eth0
> root@SLUG:~# mheard
> Callsign Port Packets Last Heard
> VA2JF-1 connex 463 Mon Dec 19 21:08:44
> root@SLUG:~# axparms -route list
> callsign dev mode digipeaters
>
> root@SLUG:~# ping -c 10 172.25.25.1
> PING 172.25.25.1 (172.25.25.1): 56 data bytes
>
> --- 172.25.25.1 ping statistics ---
> 10 packets transmitted, 0 packets received, 100% packet loss

```
> ========================================
> root@ali:~# cat /etc/ax25/axports
> # name callsign speed paclen window description
> connex VA2JF-1 115200 1500 1 ConnexLink 900 MHz
> root@ali:# kissattach -l /dev/ttyS1 connex 172.25.25.1
> AX.25 port connex bound to device ax0
> gfk@ali:~$ /sbin/ifconfig ax0
> ax0 Link encap:AMPR AX.25 HWaddr VA2JF-1
> inet addr:172.25.25.1 Bcast:172.25.255.255 Mask:255.255.0.0
> UP BROADCAST RUNNING MTU:1500 Metric:1
> RX packets:0 errors:0 dropped:0 overruns:0 frame:0
> TX packets:165 errors:0 dropped:0 overruns:0 carrier:0
> collisions:0 txqueuelen:10
> RX bytes:0 (0.0 b) TX bytes:8085 (7.8 KiB)
>
> gfk@ali:~$ /sbin/route -n
> Kernel IP routing table
> Destination Gateway Genmask Flags Metric Ref Use
> Iface
> 172.25.25.0 0.0.0.0 255.255.255.0 U 0 0 0
> ax0
> 10.10.16.0 0.0.0.0 255.255.255.0 U 0 0 0
> eth0
> 192.168.0.0 0.0.0.0 255.255.255.0 U 0 0 0
> eth0
> 172.25.0.0 0.0.0.0 255.255.0.0 U 0 0 0
> ax0
> 0.0.0.0 192.168.0.3 0.0.0.0 UG 0 0 0
> eth0
> gfk@ali:~$ mheard
> Callsign Port Packets Last Heard
> VA2JF connex 118 Sat Jan 28 16:44:54
> gfk@ali:~$ sudo axparms -route list
> callsign dev mode digipeaters
>
> gfk@ali:~$ ping -c 10 172.25.25.2
> PING 172.25.25.2 (172.25.25.2) 56(84) bytes of data.
>>From 172.25.25.1 icmp_seq=1 Destination Host Unreachable
>>From 172.25.25.1 icmp_seq=2 Destination Host Unreachable
>>From 172.25.25.1 icmp_seq=3 Destination Host Unreachable
>>From 172.25.25.1 icmp_seq=4 Destination Host Unreachable
>>From 172.25.25.1 icmp_seq=5 Destination Host Unreachable
>>From 172.25.25.1 icmp_seq=6 Destination Host Unreachable
>>From 172.25.25.1 icmp_seq=7 Destination Host Unreachable
>>From 172.25.25.1 icmp_seq=8 Destination Host Unreachable
>>From 172.25.25.1 icmp_seq=9 Destination Host Unreachable
>>From 172.25.25.1 icmp_seq=10 Destination Host Unreachable
>
> --- 172.25.25.2 ping statistics ---
> 10 packets transmitted, 0 received, +10 errors, 100% packet loss, time
```

> 9020ms
> , pipe 4
> ======================================
>
> Thanks a lot and 73,
> GFK's
>
> PS: I was able to make the link work with PPP, but PPP requires a
> full-duplex link. So I had to enable the full-duplex simulation of the
> modem. This cut the available bandwidth in half. I'm trying to see if
> AX.25 would perform better since it doesn't require full duplex.
>
> --
> Guillaume Filion, ing. jr
> Logidac Tech., Beaumont, Quï¿½bec, Canada - http://logidac.com/
> PGP Key and more: http://guillaume.filion.org/
>

49. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-01 06:43:55 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <cu16b3-7me.ln1@p400bob.personal.cox.net>
Source record: 852

Oh and another thing

PPP may be much more desirable because you can get huge compression gains (ie using BSD or deflate compression) I use to use it over an old 28K8 modem connection and got data rates in the order of 20-30x when moving logfiles around. As its compressed before it gets to the modem you arent limited by the 115K2 DTE rate either..

Cheers Bob VK2YQA

gfilion@gmail.com wrote:
>
> Hi all,
>
> I'm trying to setup a wireless link between two Linux using ConnexLink
> 900 MHz serial modems (http://www.aerocomm.com/Devices/link.htm). One
> side (ali) is a regular PC running Debian Linux testing and the other
> side (SLUG) is a NSLU2 running N7IPB's OpenSlug mod
> (http://wetnet.net/).

50. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-01 20:29:54 UTC
From: gfilion@gmail.com
Message-ID: <1138825794.019667.188990@g47g2000cwa.googlegroups.com>
Source record: 853

Bob, thanks a lot for your help.

> Is a -0 SSID valid for a hardware address?

That's what was given in an example I followed, but I changed VA2JF-0
to VA2JF-2 just to be sure. It's also easier to match each host to it's
IP address: VA2JF-1 has 172.25.25.1 and VA2JF-2 has 172.25.25.2.

> Is gfk@ali a root user? I had lots of trouble running TCP/IP AX25 apps
> as a non priv user on my old SuSE system. Something about denying port
> access. Didn't actually try "call" in user mode though.

gfk@ali is not a root user, but I'm using sudo, so it shouldn't be a
problem. This is a good advice, however. I'll use root whenever I
playing with this.

> There has to be an ARP system somewhere.

Indeed I think that the problem might be related to ARP. I used to
think that ARP was just used on Ethernet, but I learn something new
every day.

Here's what I got on ali:
ali:~# arp -an
[...]
? (172.25.25.2) at <incomplete> on eth0
ali:~# arp -H ax25 -i ax0 -s 172.25.25.2 VA2JF-2
ali:~# arp -an
[...]
? (172.25.25.2) at VA2JF-2 [ax25] PERM on ax0

Unfortunately, the slug is running busybox which is a very slimed down
Unix. It looks like busybox's ifconfig is not compatible with ax25,
hence the "Link encap:UNSPEC". I would like to try to compile a "real"
ifconfig but unfortunately the slug is running with 288KB of free disk
space. I'll need to transfer the system to a bigger flash drive when I
get some free time.

Also busybox doesn't have /usr/sbin/arp on the system, and
/proc/net/arp doesn't list any ax25 address...

> OBTW I remember too that tcpdump doesnt work on an ax25 interface. You
> might try that to see if you get any valid data. This will show the
> arp conversation as well as IP

You're right:
ali:~# tcpdump -eni ax0
tcpdump: unknown data link type 3

I found a patch for tcpdump to work with ax25, but didn't tried it yet.
http://he.fi/archive/linux-hams/200509/0060.html

> PPP may be much more desirable because you can get huge compression
> gains (ie using BSD or deflate compression) I use to use it over an
> old 28K8 modem connection and got data rates in the order of 20-30x
> when moving logfiles around. As its compressed before it gets to the
> modem you aren't limited by the 115K2 DTE rate either..

PPP requires full duplex and any radio link is inherently half-duplex.
I had to use "full duplex simulation" in the radio firmware which is
documented like this in the manual:
=====
Full Duplex: This mode restricts Client radios to transmitting on odd
numbered frequency hop bins and the Server to even numbered frequency
hop bins. Though the RF hardware is still technically half duplex, it
makes the transceiver seem full duplex. This can cause overall
throughputs to be cut in half. Note: All transceivers on the same
network must have the same setting for Full Duplex.
=== Ref: http://www.aerocomm.com/Docs/User_Manual_CL4490.pdf (p.16)

Also, the RF baud rate is fixed at 76.8 Kbps, so in "full duplex
simulation" it is effectively 33.6 Kbps. Even with compression, I
speculated that half duplex AX.25 would perform better for activities
such as web browsing where most of the heavy content (jpg images) is
already compressed.

I'll keep playing with this, thanks a lot for your help,
GFK's
--
Guillaume Filion, ing. jr
Logidac Tech., Beaumont, Québec, Canada - http://logidac.com/
PGP Key and more: http://guillaume.filion.org/

51. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-02 01:36:48 UTC
From: gfilion@gmail.com
Message-ID: <1138844208.301959.93120@g43g2000cwa.googlegroups.com>
Source record: 854

>I found a patch for tcpdump to work with ax25, but didn't tried it yet.
>http://he.fi/archive/linux-hams/200509/0060.html

I tried the patch, it works well. It's worth a try. The patch did not
apply cleanly, however. I had to apply some parts of the patch
manually. For those who don't want to do that, I've made a tarball of
the patched sources:
http://guillaume.filion.org/tcpdump-3.9.3-ax25-1.tar.gz

Here's the short readme:
Full infos about this patched tcpdump available at:
http://he.fi/archive/linux-hams/200509/0060.html

To build this version of tcpdump:

```
cd libpcap-0.9.3
./configure
make
cd ../tcpdump-3.9.3
./configure
make
./tcpdump -eni ax0
```

73,
GFK's
--
Guillaume Filion, ing. jr
Logidac Tech., Beaumont, Québec, Canada - http://logidac.com/
PGP Key and more: http://guillaume.filion.org/

52. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-02 16:38:53 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <u5p9b3-e9l.ln1@p400bob.personal.cox.net>
Source record: 855

Okay I see.. problems problems! <grin>

When I first started playing with TCP/IP over packet maybe 12 years ago we did all we could to stop ARP broadcasts in our local subnet. All of the users had static ARP tables for that reason. We also had static host lookups. More recently I was involved in an IP over satellite paging/short message system where our initial bandwidth allocation was very small (3kb/sec). I made a lot of noise over that setup and suggested that if the b/w was unchangable then we should use static ARP tables. They increased the b/w instead, as a manual maintenance of an IP networks ARP's is a huge task!

If you arent intent on using busybox you may want to try the Knoppix run from CD version that has the amateur radio add-ons.

re PPP and HDX/FDX. Well in a way you are simply shifting the HDX switching back to the computer instead of using the radio hardware. I'd suspect that in the end you wouldnt do any better. I am however prepared to be shot down over this!

I wonder if SLIP is any better handling HDX? It has less protocol overhead as well.. (from memory) Not sure about compression though.

I have an application of sorts for this same mind of thing. My mother in law lives about 500 yards away just over the brow of a hill. There are also lots of trees! I doubt 2.4GHz will work and was looking at something with at least 115K throughout to connect her PC to our network. What has been your experience with the 900MHz gear and how well does it do with path obstacles? Oh and what did the units cost?

Tnxs for the info on tcpdump. One day when I get back to radio...

Cheers Bob W5/VK2YQA East Texas

gfilion@gmail.com wrote:
>
> Bob, thanks a lot for your help.

53. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-04 21:10:48 UTC
From: gfilion@gmail.com
Message-ID: <1139087448.093090.220320@g14g2000cwa.googlegroups.com>
Source record: 856

Hi Bob,

I compiled net-tools on the slug and I now get this, which looks much
better:
root@slug:~# ifconfig ax0
ax0 Link encap:AMPR AX.25 HWaddr VA2JF-2
inet addr:172.25.25.2 Bcast:172.25.255.255 Mask:255.255.0.0
UP BROADCAST RUNNING MTU:1500 Metric:1
RX packets:52 errors:0 dropped:0 overruns:0 frame:0
TX packets:22 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:10
RX bytes:4238 (4.1 Kb) TX bytes:898 (898.0 b)

net-tools also provided a version of arp. When I use it, though, I get
this strange behavior:
=====
root@slug:~# arp -an
? (192.168.0.5) at 00:01:53:80:57:E6 [ether] on eth0
root@slug:~# arp -H ax25 -i ax0 -s 172.25.25.1 VA2JF-1
root@slug:~# arp -an
? (172.25.25.1) at * [ax25] PERM on -
? (192.168.0.5) at 00:01:53:80:57:E6 [ether] on eth0
root@slug:~# cat /proc/net/arp
IP address HW type Flags HW address Mask Device
172.25.25.1 0x3 0x6 * ax0
192.168.0.5 0x1 0x2 00:01:53:80:57:E6 * eth0
=====
I'm not sure if this is related to my version of arp or the kernel but
I have a feeling that this is at the heart of the problem...

> If you arent intent on using busybox you may want to try the Knoppix
> run from CD version that has the amateur radio add-ons.

The slug is in fact a NSLU2 from Linksys, which is not much bigger than
my hand. There's no CD player on this, so I'm stuck with busybox if I
want to use the NSLU2. http://xrl.us/NSLU2

> re PPP and HDX/FDX. Well in a way you are simply shifting the HDX
> switching back to the computer instead of using the radio hardware.
> I'd suspect that in the end you wouldnt do any better. I am however
> prepared to be shot down over this!

When working in FDX simulation, the radio hardware does the HDX
switching 50:50. This is fixed and cannot be changed. I hope that AX.25
will switch it dynamically, sometimes 90:10 sometimes 70:30, so that I
can get better performance when I need it. I'm not sure if it's worth

the trouble, however.

> I have an application of sorts for this same mind of thing. My mother
> in law lives about 500 yards away just over the brow of a hill. There
> are also lots of trees! I doubt 2.4GHz will work and was looking at
> something with at least 115K throughout to connect her PC to our
> network. What has been your experience with the 900MHz gear and how
> well does it do with path obstacles? Oh and what did the units cost?

I bought the Connexlink radios a couple months ago from Mouser. I bought the starter pack (Includes 1 server and 1 client Unit, RS-232 cables, Antennas, Power Supplies and Software) for US$225 (Mouser Stock No. 814-CL4490-232-SP). About 1 week after ordering, I got a phone call from a ConnexLink technician asking for informations about my project and giving me his phone number if I needed any help.

My link is similar to yours, it's to my mother's house and I'm afraid that 2.4 GHz is not going to cut it unless I install a 100' tower on each side. It's 2.9 Km long (1.8 miles). I have a hill and lots of trees doing obstruction. Take a look at my path profile, I'm about at F0.9. It's made with Radio Mobile:
http://www.cplus.org/rmw/english1.html

Path profile scaled 10:1:
http://guillaume.filion.org/80211link/images/fresnel-900-10-1.gif

Path profile not scaled (1:1):
http://guillaume.filion.org/80211link/images/fresnel-900-1-1.gif

I haven't tested the hardware outside yet -- it's winter time here and I don't feel like climbing on the roof top full of snow. The specs says it can do 32 Km LOS with the stock antennas. I'm not LOS, but with yagi antennas replacing the stock antennas, I'm pretty sure that I could have a decent link.

Common wisdom says that 900 MHz is too crowded for any good use, but I live in the country and there is not a lot of 900 MHz activity around here. The ConnexLink uses Frequency Hopping Spread Spectrum so it's more resistant to QRM. Your mileage may vary...

Some links:
http://www.mouser.com/aerocomm/
http://www.aerocomm.com/Devices/link.htm

73
GFK's
--
Guillaume Filion, ing. jr
Logidac Tech., Beaumont, Québec, Canada - http://logidac.com/
PGP Key and more: http://guillaume.filion.org/

54. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-04 23:09:32 UTC
From: gfilion@gmail.com
Message-ID: <1139094572.120236.18370@g14g2000cwa.googlegroups.com>
Source record: 857

```
Hi again,

I did some tcpdump and it definitly looks like an ARP problem.

root@ali:~/tcpdump-ax25/tcpdump-3.9.3# ./tcpdump -envi ax0
tcpdump: listening on ax0, link-type AX25 (AX.25), capture size 96
bytes

[... root@slug:~# ping 172.25.25.1 ...]
17:30:01.703620 VA2JF-2 > -6: Res 3, C/R 0, UI, ?, pf 0, length 101:
(tos 0x0, ttl 64, id 0, offset 0, flags [DF], proto: ICMP (1), length:
84) 172.25.25.2 > 172.25.25.1: ICMP echo request, id 1691, seq 0,
length 64
[... Notice the "VA2JF-2 > -6" instead of "VA2JF-2 > VA2JF-1" ...]

[... root@ali:~# ping 172.25.25.2 ...]
17:31:24.033354 VA2JF-1 > VA2JF-2: Res 3, C/R 0, UI, ?, pf 0, length
101: (tos 0x0, ttl 64, id 0, offset 0, flags [DF], proto: ICMP (1),
length: 84) 172.25.25.1 > 172.25.25.2: ICMP echo request, id 6003, seq
1, length 64
[... I never get an answer from slug, I guess it's because slug's arp
table doesn't contain ali's address ...]

I'll get in contact with the creator of this kernel.

73
GFK's
--
Guillaume Filion, ing. jr
Logidac Tech., Beaumont, Québec, Canada - http://logidac.com/
PGP Key and more: http://guillaume.filion.org/
```

55. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-05 01:41:55 UTC
From: Joseph Fenn <jfenn@lava.net>
Message-ID: <Pine.BSI.4.61.0602041538460.21804@malasada.lava.net>
Source record: 858

Dont know about you guys, but since I still use an old 8 bit
Commodore128 computer I do all my packeting with the software
DIGICOM128 AND IT WAS WRITTEN BY THE GERMANS WAY BACK.
I use only the VHF band for military packet relays from
Ft Huachuca Az to Schofield Bks here in Honoululu.
Joe ABM6JF

****
* Ham KH6JF AARS/MARS ABM6JF QCWA WW2 VET WD RADIO SYSTEM*
* Army MARS PRECEDED by AARS (Army Amateur Radio System) *
* Hi State ARMY MARS COORDINATOR *
****

On Sat, 4 Feb 2006 gfilion@gmail.com wrote:

> Hi again,
>
> I did some tcpdump and it definitly looks like an ARP problem.
>
> root@ali:~/tcpdump-ax25/tcpdump-3.9.3# ./tcpdump -envi ax0
> tcpdump: listening on ax0, link-type AX25 (AX.25), capture size 96
> bytes
>
> [... root@slug:~# ping 172.25.25.1 ...]
> 17:30:01.703620 VA2JF-2 > -6: Res 3, C/R 0, UI, ?, pf 0, length 101:
> (tos 0x0, ttl 64, id 0, offset 0, flags [DF], proto: ICMP (1), length:
> 84) 172.25.25.2 > 172.25.25.1: ICMP echo request, id 1691, seq 0,
> length 64
> [... Notice the "VA2JF-2 > -6" instead of "VA2JF-2 > VA2JF-1" ...]
>
> [... root@ali:~# ping 172.25.25.2 ...]
> 17:31:24.033354 VA2JF-1 > VA2JF-2: Res 3, C/R 0, UI, ?, pf 0, length
> 101: (tos 0x0, ttl 64, id 0, offset 0, flags [DF], proto: ICMP (1),
> length: 84) 172.25.25.1 > 172.25.25.2: ICMP echo request, id 6003, seq
> 1, length 64
> [... I never get an answer from slug, I guess it's because slug's arp
> table doesn't contain ali's address ...]
>
> I'll get in contact with the creator of this kernel.
>
> 73
> GFK's
> --
> Guillaume Filion, ing. jr
> Logidac Tech., Beaumont, Québec, Canada - http://logidac.com/

> PGP Key and more: http://guillaume.filion.org/
>
>

56. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-05 21:54:50 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <aq8ib3-qaq.ln1@p400bob.personal.cox.net>
Source record: 859

I wonder if slug has an issue with dashes in the hardware address?
Either that or it is smart enough to notice the first 5 chars of the
hardware address are the same source > dest. As you say though it isnt
working! Looks like you are getting closer!

Okay on the 50:50 half duplex timing of the boxes. That seems kind of a
strange way to do it. Would have expected the manufacturer to use
dynamic b/w allocation. I had a quick look at SLIP/CSLIP but didnt
really establish how effective it was on HDX. I assume that ppp is
unusable because of the backgound handshaking that goes on (ipcp etc)?
Is it that or timeouts and retries at the IP layer?

Tnxs for the info on your purchase. I dont want to spend lots of dollars
on my attempt. Would rather invest in 2nd hand than new equipment. The
MIL is using dial-up at the moment so it isnt exactly urgent. I have a
mind to use one of the scrap microwave radios from work but they start
at 2.4GHz. (We manufacture data equip up to 12GHz and DS1 through E3) My
path actually looks a lot better than yours though!

Cheers Bob

gfilion@gmail.com wrote:
>
> Hi again,
>
> I did some tcpdump and it definitly looks like an ARP problem.

57. APRS settings for long-distance train trip?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-07 03:30:46 UTC
From: "greg@littlebear.com" <greg@littlebear.com>
Message-ID: <1139283046.421074.162550@g14g2000cwa.googlegroups.com>
Source record: 860

I'm getting ready to take a long-distance train trip

With very few exceptions, the route goes through VERY rural
countryside.

I've taken plenty of train trips before, but this will be my first trip
with an APRS setup onboard (GPS + Kenwood TH-D7A).

Any thoughts as to what is the best relay configuration (i.e. RELAY,
WIDE vs. WIDE2-2 vs. WIDE3-3)? My biggest objective is to hit as many
Internet gateways as frequently as possible. Not that interested in
having the APRS data propagate over a wide area via RF unless that's
necessary to make sure it hits an IGATE.

Thanks,

greg

58. Re: APRS settings for long-distance train trip?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-07 05:03:01 UTC
From: Dick <LeadWinger>
Message-ID: <2t9gu1psfrmvvqrr2rsbh26hqd46q3k0eo@4ax.com>
Source record: 861

On 6 Feb 2006 19:30:46 -0800, "greg@littlebear.com"
<greg@littlebear.com> wrote:

>I'm getting ready to take a long-distance train trip
>
>With very few exceptions, the route goes through VERY rural
>countryside.
>
>I've taken plenty of train trips before, but this will be my first trip
>with an APRS setup onboard (GPS + Kenwood TH-D7A).
>
>Any thoughts as to what is the best relay configuration (i.e. RELAY,
>WIDE vs. WIDE2-2 vs. WIDE3-3)? My biggest objective is to hit as many
>Internet gateways as frequently as possible. Not that interested in
>having the APRS data propagate over a wide area via RF unless that's
>necessary to make sure it hits an IGATE.
>
>Thanks,
>
>greg

RELAY and WIDE are not used any longer. See why here
http://web.usna.navy.mil/~bruninga/aprs/fix14439.html

Also, unless you have far better luck than me, your TH-D7 isn't going
to cut it. It's OK in a city, but when you get out in the sticks you
need POWER, and the TH-D7 isn't going to give it to you. Sometimes
even my D700A with external gain antenna won't reach a gateway. I
have stood in my front yard with my TH-D7, looking directly at the
mountain where the repeater is located, and been unable to connect
without moving around to different locations. Give it a try, but you
may be disappointed.

Dick - W6CCD

59. Re: APRS settings for long-distance train trip?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-07 15:06:56 UTC
From: "greg@littlebear.com" <greg@littlebear.com>
Message-ID: <1139324816.197999.154250@g14g2000cwa.googlegroups.com>
Source record: 862

>RELAY and WIDE are not used any longer. See why here

Yes, I realize that. How pervasive are the changes in the
"infrastructure" though? I.e. how many digipeaters understand the new
paradigm? A few? Most? All?

>Also, unless you have far better luck than me, your TH-D7 isn't going
to cut it.

I have no illusions. This is an experiment more than anything.

Thanks,

greg

60. Re: APRS settings for long-distance train trip?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-07 17:16:55 UTC
From: Dick <LeadWinger>
Message-ID: <jdlhu1pdshqbqq0aiq2hn99gbkrk411bkc@4ax.com>
Source record: 863

On 7 Feb 2006 07:06:56 -0800, "greg@littlebear.com"
<greg@littlebear.com> wrote:

>>RELAY and WIDE are not used any longer. See why here
>
>Yes, I realize that. How pervasive are the changes in the
>"infrastructure" though? I.e. how many digipeaters understand the new
>paradigm? A few? Most? All?
>
>>Also, unless you have far better luck than me, your TH-D7 isn't going
>to cut it.
>
>I have no illusions. This is an experiment more than anything.
>
>Thanks,
>
>greg

Don't know Greg. You could probably get a lot of info on this by
searching through the archives of the ARES mail reflector.
http://groups.yahoo.com/group/APRS/

Dick

61. Re: APRS settings for long-distance train trip?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-07 21:10:27 UTC
From: Steve Nosko <suteuve.nosukowicuz@moutouroula.com>
Message-ID: <dsb2c3$7fk$1@engnntp2.cig.mot.com>
Source record: 864

I believe lots do, so WIDWE1-1,WIDE2-2 is your best bet, but I found big
holes driving out west.

73, Steve, K9DCI
"Dick" <LeadWinger> wrote in message
news:jdlhu1pdshqbqq0aiq2hn99gbkrk411bkc@4ax.com...
> On 7 Feb 2006 07:06:56 -0800, "greg@littlebear.com"
> <greg@littlebear.com> wrote:
>
> >>RELAY and WIDE are not used any longer. See why here
> >
> >Yes, I realize that. How pervasive are the changes in the
> >"infrastructure" though? I.e. how many digipeaters understand the new
> >paradigm? A few? Most? All?
> >
> >>Also, unless you have far better luck than me, your TH-D7 isn't going
> >to cut it.
> >
> >I have no illusions. This is an experiment more than anything.
> >
> >Thanks,
> >
> >greg
>
> Don't know Greg. You could probably get a lot of info on this by
> searching through the archives of the ARES mail reflector.
> http://groups.yahoo.com/group/APRS/
>
> Dick

62. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-12 22:16:36 UTC
From: Braath Waate <braathwaate@gmail.com>
Message-ID: <1139782596.021967.153510@z14g2000cwz.googlegroups.com>
Source record: 865

I've been running the ConnexLink 900 Mhz serial modems for over a year
now to connect my house network to my business network in a rural area.
The networks are Windows based and the link runs PPP using the
radio's full duplex setting.

The link is clean for ping, telnet, ftp, and email. Unfortunately, I
never was able to get any browser to work without it coming to a
screeching halt with lots of TCP/IP retransmissions. I contacted
Aerocomm tech support (Sean) about this several times, but it appears
that no one else really uses the ConnexLinks on TCP/IP (they have a
newer product ConnexNet that does).

I really don't have a clue why the link fails with a browser, except
that some piece of the hardware/software path must be failing with the
heavy full duplex traffic created by browser and then snowballs with
the TCP/IP retransmissions.

I am curious if you are able to get PPP to work reliably with a browser
to web sites with a lot of graphics that result in multiple
simultaneous connections. If you are (and I would not be surprised if
your link would work, given the different hardware/software pieces),
then it gives me hope that one day I might be able to get my link to
work properly when I have the time to fix it. And if you get the
radios to run faster on AX.25, then that is even a greater achievement.

By the way, my radio link is solid (no problem there). There are two
yagi antennas pointing at each other and the signal is great even
through the trees.

gfilion@gmail.com wrote:
> Hi all,
>
> I'm trying to setup a wireless link between two Linux using ConnexLink
> 900 MHz serial modems (http://www.aerocomm.com/Devices/link.htm). One
> side (ali) is a regular PC running Debian Linux testing and the other
> side (SLUG) is a NSLU2 running N7IPB's OpenSlug mod
> (http://wetnet.net/).
>
> The AX.25 link seem to work fine, I'm able to communicate between the
> two sides with "call", but I can't figure out how to pass TCP/IP
> through the link.
>
> Anyone idea about what's going on?
>
> Here's the relevant (I think) data from both hosts:
> ====================================

```
> root@SLUG:~# cat /etc/ax25/axports
> #Name Callsign baudrate paclen window Description
> connex VA2JF-0 115200 1500 1 ConnexLink 900 MHz
> root@SLUG:/etc/ax25# /usr/sbin/kissattach -l /dev/ttyUSB0 connex
> 172.25.25.2
> AX.25 port connex bound to device ax0
> root@SLUG:~# ifconfig ax0
> ax0 Link encap:UNSPEC HWaddr
> AC-82-64-94-8C-40-00-FF-00-00-00-00-00-00-00-00
> inet addr:172.25.25.2 Bcast:172.25.255.255 Mask:255.255.0.0
> UP BROADCAST RUNNING MTU:1500 Metric:1
> RX packets:301 errors:0 dropped:0 overruns:0 frame:0
> TX packets:61 errors:0 dropped:0 overruns:0 carrier:0
> collisions:0 txqueuelen:10
> RX bytes:17345 (16.9 KiB) TX bytes:2788 (2.7 KiB)
> root@SLUG:~# /sbin/route -n
> Kernel IP routing table
> Destination Gateway Genmask Flags Metric Ref Use
> Iface
> 172.25.25.0 0.0.0.0 255.255.255.0 U 0 0 0
> ax0
> 192.168.0.0 0.0.0.0 255.255.255.0 U 0 0 0
> eth0
> 172.25.0.0 0.0.0.0 255.255.0.0 U 0 0 0
> ax0
> 0.0.0.0 192.168.0.3 0.0.0.0 UG 0 0 0
> eth0
> root@SLUG:~# mheard
> Callsign Port Packets Last Heard
> VA2JF-1 connex 463 Mon Dec 19 21:08:44
> root@SLUG:~# axparms -route list
> callsign dev mode digipeaters
>
> root@SLUG:~# ping -c 10 172.25.25.1
> PING 172.25.25.1 (172.25.25.1): 56 data bytes
>
> --- 172.25.25.1 ping statistics ---
> 10 packets transmitted, 0 packets received, 100% packet loss
> ======================================
> root@ali:~# cat /etc/ax25/axports
> # name callsign speed paclen window description
> connex VA2JF-1 115200 1500 1 ConnexLink 900 MHz
> root@ali:# kissattach -l /dev/ttyS1 connex 172.25.25.1
> AX.25 port connex bound to device ax0
> gfk@ali:~$ /sbin/ifconfig ax0
> ax0 Link encap:AMPR AX.25 HWaddr VA2JF-1
> inet addr:172.25.25.1 Bcast:172.25.255.255 Mask:255.255.0.0
> UP BROADCAST RUNNING MTU:1500 Metric:1
> RX packets:0 errors:0 dropped:0 overruns:0 frame:0
> TX packets:165 errors:0 dropped:0 overruns:0 carrier:0
```

> collisions:0 txqueuelen:10
> RX bytes:0 (0.0 b) TX bytes:8085 (7.8 KiB)
>
> gfk@ali:~$ /sbin/route -n
> Kernel IP routing table
> Destination Gateway Genmask Flags Metric Ref Use
> Iface
> 172.25.25.0 0.0.0.0 255.255.255.0 U 0 0 0
> ax0
> 10.10.16.0 0.0.0.0 255.255.255.0 U 0 0 0
> eth0
> 192.168.0.0 0.0.0.0 255.255.255.0 U 0 0 0
> eth0
> 172.25.0.0 0.0.0.0 255.255.0.0 U 0 0 0
> ax0
> 0.0.0.0 192.168.0.3 0.0.0.0 UG 0 0 0
> eth0
> gfk@ali:~$ mheard
> Callsign Port Packets Last Heard
> VA2JF connex 118 Sat Jan 28 16:44:54
> gfk@ali:~$ sudo axparms -route list
> callsign dev mode digipeaters
>
> gfk@ali:~$ ping -c 10 172.25.25.2
> PING 172.25.25.2 (172.25.25.2) 56(84) bytes of data.
> >From 172.25.25.1 icmp_seq=1 Destination Host Unreachable
> >From 172.25.25.1 icmp_seq=2 Destination Host Unreachable
> >From 172.25.25.1 icmp_seq=3 Destination Host Unreachable
> >From 172.25.25.1 icmp_seq=4 Destination Host Unreachable
> >From 172.25.25.1 icmp_seq=5 Destination Host Unreachable
> >From 172.25.25.1 icmp_seq=6 Destination Host Unreachable
> >From 172.25.25.1 icmp_seq=7 Destination Host Unreachable
> >From 172.25.25.1 icmp_seq=8 Destination Host Unreachable
> >From 172.25.25.1 icmp_seq=9 Destination Host Unreachable
> >From 172.25.25.1 icmp_seq=10 Destination Host Unreachable
>
> --- 172.25.25.2 ping statistics ---
> 10 packets transmitted, 0 received, +10 errors, 100% packet loss, time
> 9020ms
> , pipe 4
> ==
>
> Thanks a lot and 73,
> GFK's
>
> PS: I was able to make the link work with PPP, but PPP requires a
> full-duplex link. So I had to enable the full-duplex simulation of the
> modem. This cut the available bandwidth in half. I'm trying to see if
> AX.25 would perform better since it doesn't require full duplex.
>

> --
> Guillaume Filion, ing. jr
> Logidac Tech., Beaumont, Québec, Canada - http://logidac.com/
> PGP Key and more: http://guillaume.filion.org/

63. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-13 03:06:04 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <sl95c3-ruh.ln1@p400bob.personal.cox.net>
Source record: 866

If I may answer first...

TCP/IP is suppose to self calculate retry etc periods based on the first few packet failures. I am surprised you are having problems with the link at all. Perhaps some massaging of the TCP retry parameters might be in order. I'll admit I dont know where to do that in Windows without looking it up. It will be as registry setting.

I wonder if you are also using plain serial ports at each end or some kind of ethernet converter. That can mess things up as TCP/IP thinks it has a faster throughput speed than it really doesnt. The other possibility is that serial hardware handshaking is broken although FTP would be affected by that. (Depends on the direction and which end has failed though) Lowering your DTE speed may also help.

As a simple workaround you can limit the number of concurrent http requests your browser will allow. Once again I dont know how this is done in IE but Firefox has a about:config parameter network.http.maximum.connections or similar. The end effect will be that web pages with lots of internal lnks (eg pictures) will tend to load more one after the other than bits at the same time. Email, FTP and telnet use a port for each direction whereas web browsers can use 100+ source ports to get a web page.

If you wish to try this and dont have Firefox, download it and gimee a shout and I'll walk you through the config changes.

I have also heard the SLIP might be a better way to go over these links because of the half duplex factor. I'll admit I havent tried this but it wont hurt to try. W2K and above have SLIP available if you want to play with it.

Strangely I am thinking of using a 900MHz serial link to my mother in laws house. The reason I am not using 802.11 Ethernet is path obstructions.

One option by the way, if you want to throw lots of money at it, is to setup a second link such that the whole things runs a "real" fullduplex.

Lastly I havent checked around on the web on this topic. Perhaps others have had this issue and found a solution.

Cheers Bob

Braath Waate wrote:
>
> I've been running the ConnexLink 900 Mhz serial modems for over a year
> now to connect my house network to my business network in a rural area.

> The networks are Windows based and the link runs PPP using the
> radio's full duplex setting.

64. Receiving VMS (Vessel Monitoring Signals) from Inmarsat-C

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-14 12:13:15 UTC
From: Michael <ccc73571@vip.cybercity.dk>
Message-ID: <CPjIf.45$Sg4.38@news.get2net.dk>
Source record: 867

I have been playing around with receiving AIS (Automatic Identification System) signals. AIS is used on ships, it is used to send information about your position, etc via VHF to the surrounding ships. But know this started to get a bit boring. So know I wan to try to se if it is possibly to receive the VMS signals from Inmarsat-C. The VMS system is manly used on fishing vessels. On the ship there is a box with a gps and satellite tranciver. The position information is send each hour, to a land earth station, were it is distributed to the different authorities.

The first thing is to receive the signals. But also to decrypt the data can be complicated.

Any help or advices are welcome. Also if you have some good links to people ho have been dealing with projects like this, could be useful.

Cheers Michael

65. Re: APRS settings for long-distance train trip?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-15 01:32:22 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <6115v1pjcin1ejlb8ig8ieb44rcoe0plf5@4ax.com>
Source record: 868

On Mon, 06 Feb 2006 22:03:01 -0700, Dick <LeadWinger> wrote:

>t's OK in a city, but when you get out in the sticks you
>need POWER, and the TH-D7 isn't going to give it to you. Sometimes
>even my D700A with external gain antenna won't reach a gateway. I
>have stood in my front yard with my TH-D7, looking directly at the
>mountain where the repeater is located, and been unable to connect
>without moving around to different locations. Give it a try, but you
>may be disappointed.

The problem in your particular place might be that the mountain top
digipeater is hearing so many systems from so many places that yours
just isn't making it through. Especially if it can see other mountain
top digipeaters.

That said I would think Greg would be far better off if he could put
mag mount antenna on the top of the train. <chuckle>

Tony

66. Re: APRS settings for long-distance train trip?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-15 02:50:41 UTC
From: Dick <LeadWinger>
Message-ID: <ve55v11nkb1f5k0ufl6sqbnsqtkoevblb@4ax.com>
Source record: 869

On Wed, 15 Feb 2006 01:32:22 GMT, Tony VE6MVP <tony@REMOVEve6mvp.com>
wrote:

>On Mon, 06 Feb 2006 22:03:01 -0700, Dick <LeadWinger> wrote:
>
>>t's OK in a city, but when you get out in the sticks you
>>need POWER, and the TH-D7 isn't going to give it to you. Sometimes
>>even my D700A with external gain antenna won't reach a gateway. I
>>have stood in my front yard with my TH-D7, looking directly at the
>>mountain where the repeater is located, and been unable to connect
>>without moving around to different locations. Give it a try, but you
>>may be disappointed.
>
>The problem in your particular place might be that the mountain top
>digipeater is hearing so many systems from so many places that yours
>just isn't making it through. Especially if it can see other mountain
>top digipeaters.
>
>That said I would think Greg would be far better off if he could put
>mag mount antenna on the top of the train. <chuckle>
>
>Tony

That might be the case, but we are in a pretty remote area. There is
no question though, that a power increase takes care of the problem.
My experience with the D7 includes a lot of travel in the west
(Arizona, Utah, Nevada) The ability to connect with a digipeater was
few and far between with the D7. Going to the D700 makes all the
difference.

Dick

67. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-16 16:38:30 UTC
From: Braath Waate <braathwaate@gmail.com>
Message-ID: <1140107910.463509.79490@g44g2000cwa.googlegroups.com>
Source record: 870

Thanks Bob for all of your good suggestions.

I've tried playing around with some of the TCP/IP tuning. I also played around with the max-connections in Explorer and Firefox. Not much difference in performance. I did swap a unshielded serial cable (the radios are directly connected to the computers' serial ports) with a shielded cable, and that seemed to improve the performance. The serial lines are fairly long (60') to get to the antennas which are colocated with the radios. I would say the system is usable (slow) with a browser, but not good with heavy traffic, which results in significantly more retransmissions and reset connections.

The reason why the link is disappointingly slow is that it only runs at 19 kbps. According to the Aerocomm AC4490 manual, the maximum throughput of the radio in stream mode is 57.6 kbps, acknowledge mode is 38k and acknowledge with full/duplex is 19k (full/duplex is only supported in acknowledge mode). Running PPP or SLIP requires the full/duplex hardware, so 19k is all I can get.

I'm in the market for better but inexpensive 900 Mhz radios to replace the Aerocomms, if anyone has any suggestions.

68. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-16 20:17:31 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <s73fc3-foc.ln1@p400bob.personal.cox.net>
Source record: 871

That RS232/serial run is in my view way too long if you are running at 115K2, even when shielded. I would suspect that noise is being introduced into the circuit. RS232 isnt a balanced system like RS485 or XBaseT ethernet so you dont gain the benefits of common mode rejection. You may even have earth loops occurring in your computer/mains/ground setup that puts main noise onto the cable shield. The simple test is to reduce the DTE rate from the computer to the radio to the next step down to see if that helps. If the modems offer hardware compression you might lose your peak speed but gain a higher reliability. Generally speaking the slower the bit rate the longer the cable can be.

The data rate problem is the same thing that gfilion was fighting on. I understand the Aerocomm fixes the TX/RX ratio at 50% to make PPP work and thus you get the low data rate. You may of course also be suffering from radio interference. I remember the Cisco Aironet boxes use to keep stats as to their performance. If the Aerocomm boxes do that may be a place to check. One simple thing you can do if you think it is another transmitter is to change to horizontal polarisation in the hope that most other users will be on vertical.

I have had a look around for Ethernet radios on 900MHz and they arent real cheap (like USD700/pair etc). The serial offerrings all seem to have the same rate limitations you have encountered and as yet I havent seen a USB connected one (to gain a higher rate than 115K2). They seem to be more for telemetry/SCADA use rather than a FDX internet link.

My flippant suggestion to get another Aerocomm pair and connected them for full duplex operation might be cost viable for you. You'll need to play with the hardware a bit but I dont see any problems if you can tell the modems to stay in the right mode. I get the impression that this will then get you 57K6.

I am seriously thinking of taking some of my works 2.4GHz RF modules for TX and RX and supplying my own QAM modulation scheme to them. The idea being to run maybe 1MB/sec via the USB port. I can do that as a radio amateur but will need to check whether I can use the ISM band in that manner. I can certainly tune it to the FCC spec but dont know if I have to go through a type approval process. A very long term project I am afraid. In that vein I am also looking for AX25/packet QAM I/Q modems that would do that part for me.

Good luck!

Cheers Bob

Braath Waate wrote:
>
> Thanks Bob for all of your good suggestions.
>

69. Re: APRS settings for long-distance train trip?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-17 00:26:11 UTC
From: "greg@littlebear.com" <greg@littlebear.com>
Message-ID: <1140135971.706130.181370@g47g2000cwa.googlegroups.com>
Source record: 872

>That said I would think Greg would be far better off if he could put mag mount antenna on the top of the train.

Nothin' doin'. Amtrak's Superliners are all-aluminum.

Here is a map of where I was able to make contact (circles with dots) with an APRS/IGATE digipeater on my trip. More than I thought, not as much as could be optimum. This was using a stock TH-D7A(G) with the stock antenna:

http://www.littlebear.com/TrainAPRS1.jpg

Here is a picture of my room/shack with the getup. Sorry about the resolution, I took it with my Motorola cell phone. Above my PowerBook is the Kenwood TH-D7A(G), to its left are the two GPS' (Garmin M5 and 60CS). You can see the GPS antennas on the window to the left of the GPS' too.

greg

70. Re: APRS settings for long-distance train trip?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-17 00:30:26 UTC
From: "greg@littlebear.com" <greg@littlebear.com>
Message-ID: <1140136226.874704.198230@g47g2000cwa.googlegroups.com>
Source record: 873

oops, second picture is here:

http://www.littlebear.com/TrainAPRS2.jpg

greg

71. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-17 00:48:29 UTC
From: Braath Waate <braathwaate@gmail.com>
Message-ID: <1140137309.132302.86300@g14g2000cwa.googlegroups.com>
Source record: 874

Yes, good suggestion. I am running the serial lines at 115K, I will try to run at 57 or 38 or even 19 and see if that improves the link.

Connexlink does have a signal strength register (report last RSSI) and has some DOS software to manage it, but I have been reluctant to spend the time on the radio section because the 19K limit is disappointing enough for web access, even if it were reliable.

I'm sorry I don't understand the radio pair suggestion; wouldn't the pair of radios just interfere with each other? Is the idea to hook the tx lead of the serial port to one radio and the rx lead to the other? How would they hook to the antenna?

-- Braath

72. Re: Can't run TCP/IP through AX.25 using Linux

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-17 15:05:06 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <3a5hc3-88f.ln1@p400bob.personal.cox.net>
Source record: 875

Hi Braath

The kind of stats I am talking about is more the bit error rate one. ie what percentage of the radio packects are mangled or not getting through. It is common in a radio system to have some percentage of failure. I use to administer two non licensed links, one on 2.4Ghz and the other on 5.7. Towards the end of its useful life the 2.4GHz link had about 90% retries mainly from interferring sources. In that case we got much better reliability limiting it to the 1MB speed (as against 11). The newer less populated 5.7GHz link ran about 20% retries.

The fullduplex radio pair configuration I suggested would use separate frequencies and maybe even antenna polarisation/space separation to reduce interference. ie two antennas at each end. Using a diplexor to allow two boxes on the one antenna is probably a bit cost wasteful. The idea is that at one end you force one box into transmit mode and the other to receive. You also have to specify a fixed channel instead of allowing automatic operation. The node names would also have to be paired. Connection to the computer is as you stated but some configuration of the handshaking lines (RTS, CTS, DTR etc) would also be needed. I expect that Connexlink would have already done this with their equipment so there may even be an application note on it available. It would of course be smart to run all lines back to the PC and do the patching there, in case you want to send commands to the unit itself and need both TX/RX lines available.

Cheers Bob

Braath Waate wrote:
--

> I'm sorry I don't understand the radio pair suggestion; wouldn't the
> pair of radios just interfere with each other? Is the idea to hook the
> tx lead of the serial port to one radio and the rx lead to the other?
> How would they hook to the antenna?

73. APRSPoint president's day sale

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-21 17:22:25 UTC
From: "hxc98@yahoo.com" <hxc98@yahoo.com>
Message-ID: <1140542545.194939.40310@g47g2000cwa.googlegroups.com>
Source record: 877

APRSPoint is a complete APRS package with integrated street-level maps.
We are offerring a president's day special. Now you can APRSPoint plus
MapPoint 2004 for $69.95 instead of $89.95. Please visit
http://www.aprspoint.com/ for details. Thanks.

74. New yahoo group. Receive VMS from Inmarsat and decode the signals.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-21 17:36:36 UTC
From: Michael <ccc73571@vip.cybercity.dk>
Message-ID: <6AsKf.5691$x5.5104@news.get2net.dk>
Source record: 876

My name is Michael. I'm educated as electronic mechanic. I started a project with the goal to receive and decode the VMS signals from Inmarsat. VMS system is manly used on fishing vessels. On the ship there is a box with a gps and satellite transceiver. The
position information is send each hour, to a land earth station, were it is distributed to the different authorities. I hope that many of you will help and contribute to get this working, because I don't have all the skills my self.

First I started to ask people in different news group about the subject. But I now realized that it will be a bigger task. So I have made a Yahoo group to get this thing going. I have in this group posted the information I have gathered until now. If you think you maybe can contribute to the project then, or is interested in this as well, then please join at

http://groups.yahoo.com/group/vms_group

Cheers Michael

75. FS - Packet TNC Bundle

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-26 13:44:07 UTC
From: jackjsantos@gmail.com
Message-ID: <1140961447.312927.16010@j33g2000cwa.googlegroups.com>
Source record: 878

TAPR PSK, TAPR TNC2, MFJ 1270b, AEA Fax

Ebay link:

http://cgi.ebay.com/Packet-TNC-TAPR-AEA-MFJ-1270B-S-W-Manuals_W0QQitemZ5872300271QQcategoryZ1502QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

76. Re: Bux Comm sound card to Radio interface.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-28 01:37:48 UTC
From: Jim <jlwright41@charter.net>
Message-ID: <pan.2006.02.28.01.37.42.733742@charter.net>
Source record: 879

On Mon, 27 Feb 2006 23:25:55 +0000, helmsman wrote:

> Anyone else using one of these and had "sound problems"?
> Thanks for your time

Yeah .... I just recently bought a "Rascal GLX Mark V" and have not gotten it to transmit as of yet. It seems to "hear" pretty well with my sound card, which is an older Sound Blaster PCI 128. I've tried setting it up in both Linux and Win XP .... same results in both OS's. My tranceiver is a Yaesu FT-840. May just be that I'm missing the boat somewhere in the setup, for in all fairness, while monitering PSK31 channels I've seen several hams that ARE using the Rascal. If you get yours to work please let me know what yod did to set things up right. By the way....I understand that BUCK really g

77. Re: Bux Comm sound card to Radio interface.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-02-28 16:22:41 UTC
From: jcherepy@mindspring.com
Message-ID: <v1u802d954v4n26jf6tqjkjs8lec1339cr@4ax.com>
Source record: 880

On Mon, 27 Feb 2006 23:25:55 GMT, helmsman <helmsman@mindspring.com>
wrote:

>Anyone else using one of these and had "sound problems"?
>Thanks for your time

I have two of the Rascal GLX's and have not had any problems. I use
one exclusively for PSK-31 on HF. I use the other for 2 meter Packet.

73,

Bill WB4WTN

78. Re: Bux Comm sound card to Radio interface.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-01 00:27:29 UTC
From: Ralph Mowery <rmowery28146@earthlink.net>
Message-ID: <RT5Nf.4722$F56.1843@newsread3.news.atl.earthlink.net>
Source record: 881

"helmsman" <helmsman@mindspring.com> wrote in message
news:pqp902drmordpgl5tpo63132jrsgmspmde@4ax.com...
> On Mon, 27 Feb 2006 19:37:48 -0600, Jim <jlwright41@charter.net>
> wrote:
>
> >On Mon, 27 Feb 2006 23:25:55 +0000, helmsman wrote:
> >
> >> Anyone else using one of these and had "sound problems"?
> >> Thanks for your time
> >
> >Yeah .... I just recently bought a "Rascal GLX Mark V" and have not
gotten
> >it to transmit as of yet. It seems to "hear" pretty well with my sound
> >card, which is an older Sound Blaster PCI 128. I've tried setting it up
in
> >both Linux and Win XP .... same results in both OS's. My tranceiver is a
> >Yaesu FT-840. May just be that I'm missing the boat somewhere in the
> >setup, for in all fairness, while monitering PSK31 channels I've seen
> >several hams that ARE using the Rascal. If you get yours to work please
> >let me know what yod did to set things up right. By the way....I
> >understand that BUCK really g
>
> What kind of computer are you using? And have you ever gotten the
> "RED" light to come on?

What kind of computer are you using ? If you are feeding a usb port from
the computer and using a converter to go to a rs232 interface, it could be
the interface. Lots of the converters do not work correctly.
Try switching the rig to VOX and letting it key the transmitter.

79. Re: Bux Comm sound card to Radio interface.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-01 03:57:36 UTC
From: jcherepy@mindspring.com
Message-ID: <2s6a02pd270e67o4ls2oi4k6eng2l9bfbl@4ax.com>
Source record: 882

On Wed, 01 Mar 2006 00:13:32 GMT, helmsman <helmsman@mindspring.com>
wrote:

>>
>>Bill WB4WTN
>What kind of computer are you running?

Just an old P-III.

80. Software for RTTY ??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-01 17:04:29 UTC
From: OM <nomail@aol.com>
Message-ID: <xukNf.586969$084.319186@attbi_s22>
Source record: 883

RTTY software ?

Looking for a good send/receive software program just for running RTTY on a PC with XP op system. Trying out MixW, but really just want the RTTY operation; DigiPan takes care of PSK for me. Shareware or buyware - any recommendations?

81. Re: Software for RTTY ??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-01 17:52:57 UTC
From: haynes@alumni.uark.edu
Message-ID: <ZblNf.4977$F56.2707@newsread3.news.atl.earthlink.net>
Source record: 884

MMTTY

--

jhhaynes at earthlink dot net

82. Re: Bux Comm sound card to Radio interface.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-01 19:26:34 UTC
From: Jim <jlwright41@charter.net>
Message-ID: <pan.2006.03.01.19.26.28.221933@charter.net>
Source record: 885

On Wed, 01 Mar 2006 00:15:29 +0000, helmsman wrote:

> On Mon, 27 Feb 2006 19:37:48 -0600, Jim <jlwright41@charter.net>
> wrote:
>
>>On Mon, 27 Feb 2006 23:25:55 +0000, helmsman wrote:
>>
>>> Anyone else using one of these and had "sound problems"?
>>> Thanks for your time
>>
>>Yeah .... I just recently bought a "Rascal GLX Mark V" and have not gotten
>>it to transmit as of yet. It seems to "hear" pretty well with my sound
>>card, which is an older Sound Blaster PCI 128. I've tried setting it up in
>>both Linux and Win XP .... same results in both OS's. My tranceiver is a
>>Yaesu FT-840. May just be that I'm missing the boat somewhere in the
>>setup, for in all fairness, while monitering PSK31 channels I've seen
>>several hams that ARE using the Rascal. If you get yours to work please
>>let me know what yod did to set things up right. By the way....I
>>understand that BUCK really g
>
> What kind of computer are you using? And have you ever gotten the
> "RED" light to come on?

I'm using a HP Pavilion 500 MHZ with the Sound Blaster PCI 128 sound card.
I also use both Mepis Linux and Win XP. Everything looks fine in both
OS's with the exception that on transmit, using WinPSK, and connected to a
dummy load .... monitoring the transmit level leads me to believe that I
am overdriving the output of the card. The color of the output signal is
red instead of green and looks as if it is being severely clipped. I have,
as yet, not found a setting, or combination of settings, that will give me
a clean looking signal that I'll not be afraid to put on the air. The red
LED on the Rascal blinks in step with the transmitted signal and the com1
PTT is activating my tranceiver as it should. Any suggestions on adjusting
the transmit audio? I have also tried the manual PTT .... I'm using a
Yaesu FT-840.
Jim

83. Re: Software for RTTY ??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-01 21:44:22 UTC
From: Caveat Lector <UALLBeware@9984reader.com>
Message-ID: <cAoNf.1914$Uc2.252@fed1read04>
Source record: 886

MMTTY
http://mmhamsoft.ham-radio.ch/mmtty/index.html

--
CL -- I doubt, therefore I might be !

"OM" <nomail@aol.com> wrote in message
news:xukNf.586969$084.319186@attbi_s22...
> RTTY software ?
>
>
>
> Looking for a good send/receive software program just for running RTTY on
> a PC with XP op system. Trying out MixW, but really just want the RTTY
> operation; DigiPan takes care of PSK for me. Shareware or buyware - any
> recommendations?
>
>

84. Re: Software for RTTY ??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-02 01:34:49 UTC
From: Ken Hopper <KenHopper1125@sbcglobal.net>
Message-ID: <ZYrNf.18139$2O6.3193@newssvr12.news.prodigy.com>
Source record: 887

OM wrote:
> RTTY software ?

look here
http://www.g3vfp.org/download.html
and
http://www.qsl.net/rv3apm/

there has got to be something there that
will spark your interest

de ken n9vv

85. Re: Bux Comm sound card to Radio interface.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-03 23:20:45 UTC
From: Jim <jlwright41@charter.net>
Message-ID: <pan.2006.03.03.23.20.41.563493@charter.net>
Source record: 888

```
On Thu, 02 Mar 2006 23:30:47 +0000, helmsman wrote:

> Fixed :') Wife installed a port before I Fdisked, after it wanted it's
> driver.
>
>
> On Wed, 01 Mar 2006 22:15:30 GMT, helmsman <helmsman@mindspring.com>
> wrote:
>
>>On Mon, 27 Feb 2006 23:25:55 GMT, helmsman <helmsman@mindspring.com>
>>wrote:
>>
>>>Anyone else using one of these and had "sound problems"?
>>>Thanks for your time
>>
>>
>>This is an email from Bux Comm.
>>
>>Reply-To: <k4abt@packetradio.com>
>>From: <k4abt@packetradio.com>
>>To: XXXXXXXXXXXXXXX
>>Subject: RE: Driver?
>>Date: Wed, 1 Mar 2006 07:13:47 -0500
>>Organization: BUX COMM
>>X-Mailer: Microsoft Office Outlook 11
>>Importance: High
>>Thread-Index: AcY8x6dS1KIx+bIIRYml1rX5mCZ1TwAYOQMg
>>X-Authenticated-User: k4abt@packetradio.com
>>X-IP-stats: Incoming Last 1, First 13, in=510, out=0, spam=0
>>X-External-IP: 70.110.123.227
>>X-ELNK-Info: spv=0;
>>X-ELNK-AV: 0
>>X-ELNK-Info: sbv=0; sbrc=.0; sbf=0b; sbw=000;
>>=====================================================
>>>Doe's the rascal GLX Mark V have a driver or not? Dell Win Me
>>>Under "system" it says PCI communication device, with a "?"
>>>It says it can't find the driver. I put the disk in the CD drive
>>>but it
>>>can't find one.
>>>The "RED" light also doesn't come on.
>>>Thanks for your time.
>>=================================================
>>You have a PC problem... the RASCAL is a "passive device", and does
>>not need a driver.
```

>>Only the software for the soundcard mode you plan to use.
>>TNX de BUX COMM
>>Tell your frriends: You found it at:
>>www.BUXCOMM.com
>>
>>
>>TNC to Radio interface Cables
>>http://www.packetradio.com/wiring.htm
>>
>>
>>RASCAL GLX to Radio soundcard Interfaces:
>>http://www.packetradio.com/RCBL.htm
>>
>>-----Original Message-----
>>From: Douglas.J.B.Smith [mailto:helmsman@mindspring.com]
>>Sent: Tuesday, February 28, 2006 7:32 PM
>>To: support@packetradio.com
>>Subject: Driver?
>>
>>
Resolved my problem with the Rascal also. Found a broken wire at the cable mike connector. Works like a charm now! Would suggest to anyone who has a problrm with this unit to first check the wiring.

86. M-8000 EPROMS and Manual???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-08 16:18:31 UTC
From: Dino Papas <kl0s@cox.net>
Message-ID: <kl0s-73B64D.11183108032006@news.east.cox.net>
Source record: 889

Anyone have a lead on where I might be able to get the manual electronically and the final run of EPROMS? Picked up a unit on eBay w/o those and would like to find a manual and update the system.

Thanks in advance!

Dino KL0S/4

87. Pakratt PK232 MBX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-09 18:25:15 UTC
From: batjonesy <jonesy@specialbranch.net>
Message-ID: <1141928715.018955.139790@p10g2000cwp.googlegroups.com>
Source record: 890

I have just aquired a Pakratt PK232 MBX

I wired up a RS232 25 pin cable using pins 1 through 8 and pin 20 only
(as stated in the manual), but my PC doesn't recognise the pakratt.

Does anyone know if in wiring up this cable pin 1 should be connected
to pin 1 on the plug on the other end of the cable? Corossed my mind
that it may have to be wired in 'mirror image' i.e. pin1 to pin13 and
so on.

Help please????

Mark
G1YWY

88. Re: Pakratt PK232 MBX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-09 19:04:57 UTC
From: Dick <LeadWinger>
Message-ID: <utu012pjlcsitt1g3b0h7i4qd6m8q17ht9@4ax.com>
Source record: 891

It's been a really long time since I had a PK232, but I'm pretty sure
the cable is straight through. I recall taking a standard parallel
cable and breaking off the pins.

Dick - W6CCD

On 9 Mar 2006 10:25:15 -0800, "batjonesy" <jonesy@specialbranch.net>
wrote:

>I have just aquired a Pakratt PK232 MBX
>
>I wired up a RS232 25 pin cable using pins 1 through 8 and pin 20 only
>(as stated in the manual), but my PC doesn't recognise the pakratt.
>
>Does anyone know if in wiring up this cable pin 1 should be connected
>to pin 1 on the plug on the other end of the cable? Corossed my mind
>that it may have to be wired in 'mirror image' i.e. pin1 to pin13 and
>so on.
>
>Help please????
>
>Mark
>G1YWY

89. Re: Pakratt PK232 MBX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-10 01:15:12 UTC
From: Leanne <leanne@islc.net>
Message-ID: <duqk8h02s3r@enews2.newsguy.com>
Source record: 892

"batjonesy" <jonesy@specialbranch.net> wrote in message
news:1141928715.018955.139790@p10g2000cwp.googlegroups.com...
> I have just aquired a Pakratt PK232 MBX
>
> I wired up a RS232 25 pin cable using pins 1 through 8 and pin 20 only
> (as stated in the manual), but my PC doesn't recognise the pakratt.
>
> Does anyone know if in wiring up this cable pin 1 should be connected
> to pin 1 on the plug on the other end of the cable? Corossed my mind
> that it may have to be wired in 'mirror image' i.e. pin1 to pin13 and
> so on.

I don't think that the computer will recognize the TNC, but you tell the
terminal program where to look for it.

Leanne - W1WXS

90. Re: Pakratt PK232 MBX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-10 12:46:55 UTC
From: Clinton <news2004@_nospam_telus.net>
Message-ID: <3zeQf.17884$dg.10825@clgrps13>
Source record: 893

I use a straight through serial cable on my PK232 MBX.

Remove _nospam_ to reply via email.

"batjonesy" <jonesy@specialbranch.net> wrote in message
news:1141928715.018955.139790@p10g2000cwp.googlegroups.com...
>I have just aquired a Pakratt PK232 MBX
>
> I wired up a RS232 25 pin cable using pins 1 through 8 and pin 20 only
> (as stated in the manual), but my PC doesn't recognise the pakratt.
>
> Does anyone know if in wiring up this cable pin 1 should be connected
> to pin 1 on the plug on the other end of the cable? Corossed my mind
> that it may have to be wired in 'mirror image' i.e. pin1 to pin13 and
> so on.
>
> Help please????
>
> Mark
> G1YWY
>

91. 'I7A, Best Bargains Online 'I7A,

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-11 06:36:04 UTC
From: Kelly <vohvamwu@tngtalut.com>
Message-ID: <%kuQf.1364$br4.541@newsfe14.phx>
Source record: 894

I discovered a great marketplace for specials,
deals and entertainment at
http://www.cashdeals4u2save.com !

`E$b:

92. what sort of traffic exist at VHF

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-15 19:20:13 UTC
From: an old friend <kb9rqz@yahoo.com>
Message-ID: <1142450412.925217.272820@i40g2000cwc.googlegroups.com>
Source record: 895

digtial traffic

93. having trouble laoding the gruo to read becusase of the arba scrpt still on the first page of the guorp

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-15 19:21:28 UTC
From: an old friend <kb9rqz@yahoo.com>
Message-ID: <1142450488.766929.277990@i40g2000cwc.googlegroups.com>
Source record: 896

so killing some space

94. just altering the landscape as it were

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-15 19:22:21 UTC
From: an old friend <kb9rqz@yahoo.com>
Message-ID: <1142450541.241523.211800@z34g2000cwc.googlegroups.com>
Source record: 897

pay the message no mind or start a thread about digital stuff please

95. REQ: MFJ-1278B circuit diagrams/schematics

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-16 16:26:15 UTC
From: Peter Hofmann <peter.hofmann@teleweb.at>
Message-ID: <f3535$4419912e$506d651c$18582@news.chello.at>
Source record: 898

I am searching the circuit diagrams/schematics for a MFJ-1278B Multimode Controller. Thanks in advance

oe3pha@hotmail.com

96. APRSPoint new version released

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-18 06:13:06 UTC
From: "hxc98@yahoo.com" <hxc98@yahoo.com>
Message-ID: <1142662386.670060.234240@j33g2000cwa.googlegroups.com>
Source record: 899

A new version of APRSPoint is released, new features include,

1. Implemented APRS server filter setting,
2. Enabled auto connect for TCP connection,
3. Customization of track line width and style,

and numerous other fixes and enhancements. Please visit
http://www.aprspoint.com for details of this new release and sale.
Thanks.

97. FT-897D and rigblaster plus

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-18 13:04:38 UTC
From: MS <capella@jippii.fi>
Message-ID: <441c0575$0$7482$9b536df3@news.fv.fi>
Source record: 900

Hello,

How to connect rigblaster plus and yaesu FT-897D together???

Many thanks and 73s Marko

98. Re: FT-897D and rigblaster plus

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-19 08:59:08 UTC
From: F8BOE <f8boe-8@bluemail.ch>
Message-ID: <441d1d72$0$20292$626a54ce@news.free.fr>
Source record: 751

Hello,

That's a really good question, but what is really a rigblasterplus compared
to the circuit shematics shown here?

http://perso.wanadoo.fr/f6crp/denis/psk31.htm

This is why I would never buy somethig I could homebrew and adapt to my
needs.

73 de F8BOE Olivier ...-.-

MS wrote:

> Hello,
>
> How to connect rigblaster plus and yaesu FT-897D together???
>
> Many thanks and 73s Marko

99. Re: Ink

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-20 04:27:48 UTC
From: Dave Turner <not@dave>
Message-ID: <441e2f14@quokka.wn.com.au>
Source record: 752
Cross-posted to: rec.ponds,rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

> whois imagraphix.com

Registrant:
Murphey Shaw
12 Blackwatch Trail Fairport, NY 14450
,
United States

Registered through: GoDaddy.com
Domain Name: IMAGRAPHIX.COM
Created on: 09-Dec-04
Expires on: 09-Dec-07
Last Updated on: 14-Feb-06

Administrative Contact:
Shaw, Murphey mshawjr@frontiernet.net
12 Blackwatch Trail Fairport, NY 14450
,
United States
5854148735

Technical Contact:
DNS, Administrator administrator@siteprotect.com
1 N State Street 12th Floor Chicago, IL 60602
,
United States
+1.3122362132 Fax -- +1.3122361958

Domain servers in listed order:
NS3.SECURESERVER.NET
NS4.SECURESERVER.NET

100. Re: Ink

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-20 11:59:53 UTC
From: HankG <hank@invalid.com>
Message-ID: <4M-dnWhbLY6rBIPZRVn-tQ@comcast.com>
Source record: 753
Cross-posted to: rec.ponds,rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

<mshawjr@frontiernet.net> wrote in message
news:F6qTf.1018$tT.243@news01.roc.ny...
> Man I have found this site that has the cheapest ink for any printer.
> You can compare prices and then review the companies on service and
> quality. <http://www.imagraphix.com> Let me know what you think

I think you are a spammer. So far, found in six (of six) NG's.

HankG

101. Re: Ink

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-20 13:02:17 UTC
From: Dave Turner <not@dave>
Message-ID: <441ea7aa@quokka.wn.com.au>
Source record: 754
Cross-posted to: rec.ponds,rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

<mshawjr@frontiernet.net> wrote in message
news:JTwTf.2739$tT.1678@news01.roc.ny...
> Sorry guys. The spam stuff was not my intent.
Yes it was, your header is still the same, and you've now re-spammed every
newsgroup again with your 'apology'. It doesn't get any dumber.

> I have never been on newsgroups before and not sure how to
> work them.
Yet you know how to spam them. Did you also learn to run before you could
walk?

> I hope you guys can forgive a bad choice.
"You go to hell! You go to hell and you die!" - Mr Garrison

102. Re: FT-897D and rigblaster plus

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-21 03:31:31 UTC
From: "Michael E. Kempke" <mekempke@buffalo.edu>
Message-ID: <nsKTf.1442$3t1.489@trndny08>
Source record: 755

I have a rigblaster plus connected to an FT-100, I am not sure of the available connections on the 897 but I used the data port on the FT 100, its just a 6 pin mini din (looks like a PS2 connector for a mouse or a keyboard) You can make your own cable out of an old keyboard cable just attach an RJ45 6 wire connector on the other end and you can set the jumpers inside the rigblaster for what you need. you can also get custom cable from westmountain radio but then you loose the use of your mic when rigblaster is connected.
Hopefully that was helpful

--
Michael E. Kempke PT, ATC
University Sportsmedicine
Buffalo, NY
"MS" <capella@jippii.fi> wrote in message
news:441c0575$0$7482$9b536df3@news.fv.fi...
> Hello,
>
> How to connect rigblaster plus and yaesu FT-897D together???
>
> Many thanks and 73s Marko
>
>

103. Re: Ink

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-21 12:31:29 UTC
From: HankG <hank@invalid.com>
Message-ID: <arydneEmFZSAb4LZnZ2dnUVZ_uqdnZ2d@comcast.com>
Source record: 756
Cross-posted to: rec.ponds,rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

<mshawjr@frontiernet.net> wrote in message
news:%WwTf.3014$tT.1641@news01.roc.ny...
> Sorry guys. The spam stuff was not my intent. I do oppoligies and won't
> happen again. I have never been on newsgroups before and not sure how to
> work them. I hope you guys can forgive a bad choice. Murphey

So how come I'm seeing repeat posts by you today? Your 'response' smacks of lies. You really have to work on your English. Next time, choose not to crosspost to a dozen groups. Murphey? Really!

HankG

104. Aprspoint version 3.1 available

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-24 07:24:55 UTC
From: "hxc98@yahoo.com" <hxc98@yahoo.com>
Message-ID: <1143185095.378531.10420@i40g2000cwc.googlegroups.com>
Source record: 757

Fixed several issues raised by users regarding 3.0, Specifically

1. How the server filter setting is handled,
2. Server report path correction,
3. Position dialog default values,
4. Persisted settings for station and gps tracking,

Check http://www.aprspoint.com/ for details. Thanks.

105. TNC- PC or box?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-24 13:50:33 UTC
From: jimg <jamesgor@verizon.net>
Message-ID: <1143208233.070078.305580@j33g2000cwa.googlegroups.com>
Source record: 758

Brand new to ham and, even more so, packet. APRS looks too cool. What to buy? Which TNC would last from initial fumbling to mobile APRS. Or is that a stupid expectation? Then just tell me about your packet/APRS system congfig please?

Tnx and 73,
jim ad7hv

106. Re: TNC- PC or box?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-24 14:30:43 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <jdcdf3-h41.ln1@p400bob.personal.cox.net>
Source record: 759

Hi Jim

I started with one of the oldish 1200/300 BPS TNCs maybe 10 years ago. This was when PC's didnt really have the grunt to do DSP on incoming sound card signals.

Nowadays I use the sound card DSP systems for any kind of digital mode. This gives you greatest flexibility to run all kinds of systems and modes from packet to PSK31. I dont however know if APRS will run on top of (say) Tom Sailor's soundmodem engine for Windows. I am pretty sure it does on Linux though.

Obviously a TNC for mobile use will have a smaller footprint in the car. I assume for APRS one changes/reprograms the EEPROM or has one with the purpose built code extensions. Or setup a portable computer as well.. (I mean you need a GPS box too)

Sorry I have not played with APRS as such.

Cheers Bob VK2YQA

jimg wrote:
>
> Brand new to ham and, even more so, packet. APRS looks too cool. What
> to buy? Which TNC would last from initial fumbling to mobile APRS. Or
> is that a stupid expectation? Then just tell me about your packet/APRS
> system congfig please?
>
> Tnx and 73,
> jim ad7hv
>

107. Need Info 4 Midland 70-1526B UHF Radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-27 03:24:03 UTC
From: Dave Hildebrand <dave@cahuenga.com>
Message-ID: <Pine.LNX.4.58.0603261916030.26312@torquay.cahuenga.com>
Source record: 760
Cross-posted to:
alt.ham-radio.mods,rec.radio.amateur.equipment,alt.ham-radio.vhf-uhf,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

I recently bought a Midland 70-1526B UHF radio, and I would like greatly
appreciative of any information on it (e.g. schematic, etc.), including
where I might find programming software for it. 73s...

...Dave, N6BHU

108. Re: Need Info 4 Midland 70-1526B UHF Radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-27 17:47:17 UTC
From: Backfire Bob <Backfire@twicepipes.org>
Message-ID: <FyVVf.63563$dW3.43304@newssvr21.news.prodigy.com>
Source record: 761
Cross-posted to:
alt.ham-radio.mods,rec.radio.amateur.equipment,alt.ham-radio.vhf-uhf,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

"Dave Hildebrand" <dave@cahuenga.com> wrote in message
news:Pine.LNX.4.58.0603261916030.26312@torquay.cahuenga.com...
>I recently bought a Midland 70-1526B UHF radio, and I would like greatly
> appreciative of any information on it (e.g. schematic, etc.), including
> where I might find programming software for it. 73s...
>
> ...Dave, N6BHU

Why would anyone want to help *you*?

109. Re: Need Info 4 Midland 70-1526B UHF Radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-27 18:04:33 UTC
From: Jim Chandler <n427c@gte.net>
Message-ID: <ROVVf.14151$W75.6809@trnddc07>
Source record: 762
Cross-posted to:
alt.ham-radio.mods,rec.radio.amateur.equipment,alt.ham-radio.vhf-uhf,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

Dave Hildebrand wrote:

> I recently bought a Midland 70-1526B UHF radio, and I would like greatly
> appreciative of any information on it (e.g. schematic, etc.), including
> where I might find programming software for it. 73s...
>
> ...Dave, N6BHU

Dave, try a Google search using the brand and model. I was able to get the service manual for the old (70's) CDR TR-44 rotator that way. It's amazing what's out there.

Jim Chandler, N5COT

110. DSP Homebrew

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-28 00:15:44 UTC
From: Paul Proefrock <proefrock@heartlandREMOVEgroup.com>
Message-ID: <Qe%Vf.43007$_S7.41141@newssvr14.news.prodigy.com>
Source record: 763

Does anyone know of a site or info to build a DSP speaker similar to the
Hear It by Gap Antenna?

Tried Google but in a bazillion pages, don't see any homebrew items.
Probably a terminology error

???

Thanks

Paul P
K0PRP

111. Re: Need Info 4 Midland 70-1526B UHF Radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-28 04:16:50 UTC
From: Dave Hildebrand <dave@cahuenga.com>
Message-ID: <Pine.LNX.4.58.0603272015300.18560@torquay.cahuenga.com>
Source record: 764
Cross-posted to:
alt.ham-radio.mods,rec.radio.amateur.equipment,alt.ham-radio.vhf-uhf,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

```
Hey -- haven't heard you in a while -- how's Texas?

On Mon, 27 Mar 2006, Backfire Bob wrote:

>
> "Dave Hildebrand" <dave@cahuenga.com> wrote in message
> news:Pine.LNX.4.58.0603261916030.26312@torquay.cahuenga.com...
> >I recently bought a Midland 70-1526B UHF radio, and I would like greatly
> > appreciative of any information on it (e.g. schematic, etc.), including
> > where I might find programming software for it. 73s...
> >
> > ...Dave, N6BHU
>
> Why would anyone want to help *you*?
>
>
>
>
```

112. Re: DSP Homebrew

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-28 06:42:21 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <df2nf3-js9.ln1@p400bob.personal.cox.net>
Source record: 765

Hi Paul

The idea behind DSP is actually pretty simple. Its just that there is lots of maths involved (ie repetitive). You need an A/D, a number crunching processing and a D/A.. thats it! there are even direct DSP demodulator devices available for HF receiving. Analog Devices does them (amongst others)

If you are looking for a PC based device to filter (say) for CW use you might want to look at Linrad. Its a Linux application but the web info is well worth a read. Spectrum Lab for W32 also has some DSP based filtering but I havent tried it.

There are quite a few amateur based DSP projects out there. I think the ARRL may have even supported a homebrew project for a while. If you still cant find it on a websearch get back to me and I'll have a deeper look.

Sorry I cant help more.

Cheers Bob VK2YQA

Paul Proefrock wrote:
> Does anyone know of a site or info to build a DSP speaker similar to the
> Hear It by Gap Antenna?

113. Re: Need Info 4 Midland 70-1526B UHF Radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-29 19:53:41 UTC
From: Mortimer Schnurd <Mort@aarp.com>
Message-ID: <9BBWf.10191$tN3.4682@newssvr27.news.prodigy.net>
Source record: 766
Cross-posted to:
alt.ham-radio.mods,rec.radio.amateur.equipment,alt.ham-radio.vhf-uhf,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew

Have Jack Gerritsen look that up for you.
I hear he has PLENTY of time to do that these days HAHAHAHA....

114. Today's Content Quality Rating For rec.radio.amateur.digital.misc

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-03-30 19:36:03 UTC
From: Web's Best Friend <ratings@websbestfriend.com>
Message-ID: <442c3416$0$16365$6d36acad@titian.nntpserver.com>
Source record: 767

The content quality of rec.radio.amateur.digital.misc has been rated by its users at least once in the last 24 hours at WebsBestFriend.com.

To rate this group's content and/or view up-to-the-second ratings, please visit:

http://www.websbestfriend.com/getSiteRating.php?site=rec.radio.amateur.digital.misc

Group: rec.radio.amateur.digital.misc
Today's Rating: 4
All-Time Rating: 4

Web's Best Friend publishes daily ratings to rated newsgroups to assist users, software products, and search engines in both avoiding newsgroups with consistently problematic/irrelevant content and in finding those with relevant content. The idea is create a global flight to quality, decreasing readership of primarily spam/scam filled groups while increasing participation in quality groups.

If you feel strongly (good or bad) about this group's content, or would like to see how other readers feel about it, please visit the group's rating page at:

http://www.websbestfriend.com/getSiteRating.php?site=rec.radio.amateur.digital.misc

While you're there, you can also rate any URL (such as an auction, the quality of the person in an online dating profile, etc), chat rooms, Wikis - just about anything - and edit the description in realtime for all to see.

*** Free account sponsored by SecureIX.com ***
*** Encrypt your Internet usage with a free VPN account from http://www.SecureIX.com ***

115. Icom UX-14 Interface

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-02 19:18:33 UTC
From: noname <noname@all>
Message-ID: <4431758d$1@news.greennet.net>
Source record: 768

Can't remember who it was, but whoever was looking for one, there's one on Ebay now:

http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=9707228086

116. swldatabase

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-02 19:57:50 UTC
From: magsimoe@gmail.com
Message-ID: <1144007870.174097.62580@e56g2000cwe.googlegroups.com>
Source record: 769

Hello everyone!

I have just put my swl frequency database online. Please have a look at
http://www.swldatabase.com

Please send any feedback through the email that is listed on the page.
Thank you very much.

117. tigertronics

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-03 16:05:09 UTC
From: danda <iamsomeone@somewhere.com>
Message-ID: <VIbYf.14165$g76.3541@newsfe2-gui.ntli.net>
Source record: 770

Anybody using the Tigertronics sl1+ for pk31 etc any good do they work as stated I have got a Yaesu FT847 and PC running windows XP

118. Re: tigertronics

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-03 21:03:04 UTC
From: F8BOE <f8boe-8@bluemail.ch>
Message-ID: <44318d88$0$7724$636a55ce@news.free.fr>
Source record: 771

Try homebrewing.

danda wrote:

> Anybody using the Tigertronics sl1+ for pk31 etc any good do they work as
> stated I have got a Yaesu FT847 and PC running windows XP

119. Re: tigertronics

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-04 01:33:47 UTC
From: "Dick, AA5VU" <aa5vuNOSPAM@arrl.net>
Message-ID: <aa5vuNOSPAM-EC6750.20334703042006@newsclstr02.news.prodigy.com>
Source record: 772

In article <VIbYf.14165$g76.3541@newsfe2-gui.ntli.net>,
"danda" <iamsomeone@somewhere.com> wrote:

> Anybody using the Tigertronics sl1+ for pk31 etc any good do they work as
> stated I have got a Yaesu FT847 and PC running windows XP

I have the SignaLink SL-1+ and it works great. I am using it with Mac
OSX and a Kenwood TS-570S(G) and cocoaModem software.

The reason I selected the SL-1+ over other interface units on the market
was the unique Auto-PTT. It handles the PTT for me without having to
mess with a serial connection. It detects the sound card output and
closes the PPT line. Tigertronics supplied a cable the plugs into the
SL-1 and the ACC2 (13-Pin DINN) on the back of the Kenwood rig. Life is
too short to ever solder another 13-Pin Dinn plug.

Dick AA5VU

120. Re: tigertronics

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-04 11:44:20 UTC
From: Clinton <news2004@_nospam_telus.net>
Message-ID: <o_sYf.30563$K11.8596@clgrps12>
Source record: 773

I chose the SL-1+ for the same reason. I have a homebrew interface, but it requires a com port for PTT. My Del laptop doesn't have a com port and USB adaptors don't always work. The Tigertronics works great.

--

Remove _nospam_ to reply via email.

"Dick, AA5VU" <aa5vuNOSPAM@arrl.net> wrote in message news:aa5vuNOSPAM-EC6750.20334703042006@newsclstr02.news.prodigy.com...
> In article <VIbYf.14165$g76.3541@newsfe2-gui.ntli.net>,
> "danda" <iamsomeone@somewhere.com> wrote:
>
>> Anybody using the Tigertronics sl1+ for pk31 etc any good do they work as
>> stated I have got a Yaesu FT847 and PC running windows XP
>
> I have the SignaLink SL-1+ and it works great. I am using it with Mac
> OSX and a Kenwood TS-570S(G) and cocoaModem software.
>
> The reason I selected the SL-1+ over other interface units on the market
> was the unique Auto-PTT. It handles the PTT for me without having to
> mess with a serial connection. It detects the sound card output and
> closes the PPT line. Tigertronics supplied a cable the plugs into the
> SL-1 and the ACC2 (13-Pin DINN) on the back of the Kenwood rig. Life is
> too short to ever solder another 13-Pin Dinn plug.
>
> Dick AA5VU

121. PSK-31 interface help needed for FT-817

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-04 13:51:35 UTC
From: Rick WA1RKT <reply.to.newsgroup@nospam.no>
Message-ID: <cst432l7hgecqngpktb2kcu3hbrahcnkjf@4ax.com>
Source record: 774

I have a new Yaesu FT-817ND that I would like to use on PSK-31.

According to the manual, one should be able to just connect the radio to the sound card without the need for any interface boxes such as the Rigblaster or Nomic.

I have done this with my old Icom IC-735 and it worked pretty well up to about 10 watts of output, so one would think I should be able to get away with it running only 5 watts or less on the FT-817.

My question is, have any of you all done that with success?

As for connections, I must say that the FT-817ND manual is pretty bad at explaining how to hook it up.

On page 38 the manual discusses SSB-based AFSK and shows the radio connected to a TNC.

Then on page 39 under PSK-31, it says only to "Connect the FT-817ND to your computer's sound card or interface" without going into any detail on how to do tyat.

I can only assume that the connections for audio are the same as shown on page 38, but they don't say that explicitly.

The big question is, how is the PTT connected? Does that operate off of DCD or DTR on a serial port? If so, note that the voltage coming out of a serial port's handshake lines can be as much as +/- 15 volts and still be within the RS-232 spec. I find it hard to believe that +/- 15 volts on the PTT pin of the radio is OK.

Of course, if the VOX circuit is active and can hear the audio from the data connector's Data In pin, then VOX could be used to switch to transmit mode.

Do any of you know if VOX will work in PSK31 mode?

Thanks and 73...

Rick WA1RKT

122. Free Music Downloads

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-05 13:55:58 UTC
From: chesjon@gmail.com
Message-ID: <1144245358.813983.29190@e56g2000cwe.googlegroups.com>
Source record: 775

Hey check this out: http://www.kohit.net/

123. Re: PSK-31 interface help needed for FT-817

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-05 18:25:59 UTC
From: F8BOE <f8boe-8@bluemail.ch>
Message-ID: <44340bb7$0$496$626a54ce@news.free.fr>
Source record: 776

Hello,

Why do you seek problems? Doesn't it have a mini DIN connector to connect a TNC?
Personnaly I recommend an interface to plug the TRX to the computer... Guess why.

Soundcard interface schematics on this page:
http://perso.wanadoo.fr/f6crp/denis/psk31.htm

I homebrewed one and sent some pictures on the packet net.

The mini DIN connector is standard so if you find one pinout picture you are saved.

73 de F8BOE Olivier ...-.-

Rick WA1RKT wrote:

> I have a new Yaesu FT-817ND that I would like to use on PSK-31.
>
> According to the manual, one should be able to just connect the radio
> to the sound card without the need for any interface boxes such as the
> Rigblaster or Nomic.
>
> I have done this with my old Icom IC-735 and it worked pretty well up
> to about 10 watts of output, so one would think I should be able to
> get away with it running only 5 watts or less on the FT-817.
>
> My question is, have any of you all done that with success?
>
> As for connections, I must say that the FT-817ND manual is pretty bad
> at explaining how to hook it up.
>
> On page 38 the manual discusses SSB-based AFSK and shows the radio
> connected to a TNC.
>
> Then on page 39 under PSK-31, it says only to "Connect the FT-817ND to
> your computer's sound card or interface" without going into any detail
> on how to do tyat.
>
> I can only assume that the connections for audio are the same as shown
> on page 38, but they don't say that explicitly.
>
> The big question is, how is the PTT connected? Does that operate off

> of DCD or DTR on a serial port? If so, note that the voltage coming
> out of a serial port's handshake lines can be as much as +/- 15 volts
> and still be within the RS-232 spec. I find it hard to believe that
> +/- 15 volts on the PTT pin of the radio is OK.
>
> Of course, if the VOX circuit is active and can hear the audio from
> the data connector's Data In pin, then VOX could be used to switch to
> transmit mode.
>
> Do any of you know if VOX will work in PSK31 mode?
>
> Thanks and 73...
>
> Rick WA1RKT

124. Re: PSK-31 interface help needed for FT-817

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-05 20:11:50 UTC
From: Tom Ring <news0002@taring.org>
Message-ID: <44342487$0$7322$39cecf19@news.twtelecom.net>
Source record: 777

Rick WA1RKT wrote:

> I have a new Yaesu FT-817ND that I would like to use on PSK-31.
>
> According to the manual, one should be able to just connect the radio
> to the sound card without the need for any interface boxes such as the
> Rigblaster or Nomic.
>
> I have done this with my old Icom IC-735 and it worked pretty well up
> to about 10 watts of output, so one would think I should be able to
> get away with it running only 5 watts or less on the FT-817.
>
> My question is, have any of you all done that with success?
>
> As for connections, I must say that the FT-817ND manual is pretty bad
> at explaining how to hook it up.
>
> On page 38 the manual discusses SSB-based AFSK and shows the radio
> connected to a TNC.
>
> Then on page 39 under PSK-31, it says only to "Connect the FT-817ND to
> your computer's sound card or interface" without going into any detail
> on how to do tyat.
>
> I can only assume that the connections for audio are the same as shown
> on page 38, but they don't say that explicitly.
>

I had an 817, and ran the transmit and receive audio directly to the
sound jacks on my laptop with no issues after I got the levels set
correctly. It's possible you may have to pad the output to the rig a
bit depending on what sound card you have.

> The big question is, how is the PTT connected? Does that operate off
> of DCD or DTR on a serial port? If so, note that the voltage coming
> out of a serial port's handshake lines can be as much as +/- 15 volts
> and still be within the RS-232 spec. I find it hard to believe that
> +/- 15 volts on the PTT pin of the radio is OK.

I made an optoisolator from an led and a phototransistor from Radio
Shack. The led went to DTR with a current limiting resistor, something
like 5K I think, and the phototransistor went to the PTT input and ground.

Then I set PSK mode to USB for the PSK entry on the menu, and it worked
fine.

Tom
K0TAR

125. Re: tigertronics

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-08 20:50:37 UTC
From: Dan Richardson <k6mhe@mailinator.com>
Message-ID: <l98g32tgc85q42oh0thvh263dd99aeugg9@4ax.com>
Source record: 778

On Tue, 04 Apr 2006 01:33:47 GMT, "Dick, AA5VU" <aa5vuNOSPAM@arrl.net>
wrote:

>In article <VIbYf.14165$g76.3541@newsfe2-gui.ntli.net>,
> "danda" <iamsomeone@somewhere.com> wrote:
>
>> Anybody using the Tigertronics sl1+ for pk31 etc any good do they work as
>> stated I have got a Yaesu FT847 and PC running windows XP
>
>I have the SignaLink SL-1+ and it works great. I am using it with Mac
>OSX and a Kenwood TS-570S(G) and cocoaModem software.
>
>The reason I selected the SL-1+ over other interface units on the market
>was the unique Auto-PTT. It handles the PTT for me without having to
>mess with a serial connection. It detects the sound card output and
>closes the PPT line. Tigertronics supplied a cable the plugs into the
>SL-1 and the ACC2 (13-Pin DINN) on the back of the Kenwood rig. Life is
>too short to ever solder another 13-Pin Dinn plug.
>
>Dick AA5VU

I found the unit to work fine. My only gripe is that the mic cable
supplied is pretty short (about 16 inches). I feel it should be about
double that length.

Danny, K6MHE

email: k6mhe<at>arrl<dot>net
http://www.k6mhe.com/

126. APRSPoint special

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-14 17:04:23 UTC
From: "hxc98@yahoo.com" <hxc98@yahoo.com>
Message-ID: <1145034263.153247.273450@t31g2000cwb.googlegroups.com>
Source record: 779

APRSPoint is the latest APRS implementation that integrates seamlessly with mappoint to allow you to track anyone on a street level detailed map. It handles imput from RF and internet feeds, and works with Kenwood radios with built-in TNC's in an easy to use interface. It is considered to be the most stable and intuitive, and ideal for first time users. We are offerring a special discount right now. Please visit http://www.aprspoint.com for details. Thanks.

127. Newbie, questions on AX.25, theory, hardware etc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-23 01:08:00 UTC
From: psyshrike <shrike@cyberspace.org>
Message-ID: <1145754480.504270.195250@i40g2000cwc.googlegroups.com>
Source record: 780

Howdy!

I've touched wireless systems before but not enough to be dangerous. My background is in software and IPv4.

I have an applicaction in mind for wireless transmission. It would be very narrow band and low bit rate (obviously), multicast transmission. The client side is reciever only.

In this case AX.25 is overkill, as none of the collision management is required. As I understand it, what I need is modem, a radio, and a OSI Layer 2 frame type suitable for wireless transmission. Would PPP or HDLC work as a frame type? Is there something better suited to narrowband wireless?

I don't really understand the actual signal modulation too well. If I said I wanted to span a particular frequency range, doesn't that frequency dictate the amount of asynchronous bits than can be modulated into it? So the modem would have to be tunable right? It would have to modulate specific to the spectrum in use. So I'm taking it there is a standard, or do the modems you guys use have a knob to control the modulation rate? Say the modem buffers 300 bps on the RS232 port but only has the spectrum to transmit say 200 bps through the radio? Or am I running into "why the hell would you do that?" territory?

So what the minimum hardware/software required to drop one ip datagram onto a wire and get it transmitted in say a 10Khz wide band?

-Matt

128. Re: Newbie, questions on AX.25, theory, hardware etc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-23 03:38:16 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <9e9rh3-d9k.ln1@p400bob.personal.cox.net>
Source record: 781

Hi Matt

One of my favourite topics, not necessarily as an expert though!

One of the big killers for any radio circuit is what to do when the data doesnt get through. Pretty well all commercial systems employ forward error correction in the outgoing signal. How much FEC is used depends on how bad the circuit *can* get. AX25 handles the issue by doing a full packet retransmit and the HDX action and paclen can kill throughput pretty badly if it has to happen a lot. There have been a plethora of (amateur) modes more recently than packet that employ FEC at the transmitted level.

Assuming you dont need to run IP I guess the best code for multicast might be the Wyman/RDFT stuff that runs under such pgms as Digtrx. (A SSTV pgm that says the RDFT stuff is a "digital mode") In it simplest form you encode a binary file into a sound/wav output, add some (start tone) headers and the transmit away. One of the command line arguments to encoding is the amount of FEC added to the output. The receive end decodes the wav file back to the binary file. The interface is a pretty simple DOS or Linux CLI function that you can add your own code to. There is of course a bit more to it that I will elaborate on if you are interested. OBTW the data rate on a 2.4khz SSB channel is between about 300 and 900 bits per second depending on FEC selected. It can also repeat missed blocks if you setup a kind of handshaking. I have personally played with the code to get a better rate on a 2m FM channel. The test I ran had 1.5x the rate working without probs.

The main RDFT/Wyman site is;
http://www.svs.net/wyman/examples/hdsstv/index.html
and some more info at;
http://www.tima.com/~djones/rdft.htm

As I said it isnt meant for UDP/IP

If you have to send UDP/IP packets have a look at the soundmodem/flexnet system (Windows and Linux). You can use the RDFT code in that as well (They call it newpsk). I dont have the URL handy sorry.

You can also of course get stuck into the GPL s/w for the slower keyboarding style modes like PSK,MT63 etc. Such techniqes as simple FEC and data interleaving might work for you. I personally want to play with some very narrow bandwidth stuff on 2m (like <50Hz) to a mobile and will probably look at modifying something already available. (The challenge here will be allowing for the phase noise and Doppler...) if you want to look at source code you might like to review gMFSK at;

http://gmfsk.connect.fi/index.html

It is written for Linux but I am sure you'll be able to find the useful parts. Likewise this isnt meant for UDP/IP.

Both of the above are meant for PC sound card interfacing

But back to your original questions!

The first kind of packet data modes were FSK (frequency shift keying). The more recent ones tend to be PSK (phase shift keying). The RDFT stuff for example is 8 PSK carriers in the "normal" voice bandwidth.

If you use regular AFSK packet to a receive only system it cant correct errors by retransmission as it wont know to do so. You need FEC in whatever you send.

PPP gets upset if you use half duplex. A lot of IPCP etc pckets also fly down/back the link and are part of the "is it still working can you hear me?" system. You would also get into a huge mess if the headers were damaged in transit. You can FEC the payload easily but not the headers. I guess you could encapsulate it in a RDFT style FEC stream but why bother if the s/w is already around the sticks IP inside of it. I have heard that SLIP is a good alternative to this so you might just get away with applying your RS232 port to a modem, thence to the radio. The lack of FEC would still kill you though. There maybe code that exists to do this but I havent checked.

You can think of a radio data stream as having a fixed rate that sends in synchronous bursts. There always has to be a buffer between the sender and radio/modem. There tends to be an agreed standard like the original AX25 rates of 300 and 1200 bits per seconds. RDFT also has a fixed rate but the soundmodem drivers allow you to set a number anywhere you like between two limits. The tones/shift (in the case of FSK) and phase shift (PSK) are also agreed upon.

Hope this hasnt confused too much and is useful to you.

Does your app really need IP transmissions? That can be a real bear if you dont turn off all the other stuff that flies out the port (like ARPing etc) What platform are you writing for?

Cheers Bob W5/VK2YQA East Texas.

Reply address is valid.

psyshrike wrote:
>
> Howdy!
>
> I've touched wireless systems before but not enough to be dangerous. My
> background is in software and IPv4.

129. Re: Newbie, questions on AX.25, theory, hardware etc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-23 22:30:01 UTC
From: psyshrike <shrike@cyberspace.org>
Message-ID: <1145831401.326705.315720@e56g2000cwe.googlegroups.com>
Source record: 782

Awesome information!

What I am working on is really the development of a transmission standard for some data that has some fairly specific requirements. It is multuser to multiuser, with the server side being internet based and the client side being simplex wireless. The setup is probably similar in practice to how pagers are used now, except that there is a custom presentation layer. Each client recieves more data than does a pager, but the number of unique clients is far less, say less than 256 different client identities, with potentially thousands of replications of each identity.

A proxy is at the center of the whole thing sort of like this:

WebBrowser->Internet->WebServer->Database->PresentationLayerConversion->Internet->Proxy->Radio->Wireless->Client

Multiuser write, multiuser read, where the proxy is a basically a packet stripper. The reciever side does need to be able to differentiate between different destinations like a pager. So it made sense to me to just just use IP multicast addresses as wireless client addresses, and then the proxies could recieve on the same multicast addresses, manipulate the packet, and bridge it straight onto the serial interface. Basically I could IP/multicast internationally over the Internet, and then sprout wireless nodes from regional base stations without having to do any address conversion.

So the radio/modem buffers the bits, and for a fully variable spectrum selection I should look at RDFT. Linux would be the obvious choice for development because of the amount of available driver code.

Tons of great information! I will study it and get back to you!

-Matt

130. Re: Newbie, questions on AX.25, theory, hardware etc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-24 02:08:24 UTC
From: TOM <noname@noprovider.nodomain>
Message-ID: <sqW2g.999$0z.757@trnddc01>
Source record: 783

There was a multicast (server to multiuser) protocol developed a few years
ago by John Hansen.

"HamWeb: Rethinking Packet Radio", John Hansen, WA0PTV,
SUNY Fredonia, Proceedings of the 16th ARRL/TAPR Digital
Communications Conference (Baltimore, 1997) pg. 41-47.

He distributed the software on the TAPR website.

-- Tom

"psyshrike" <shrike@cyberspace.org> wrote in message
news:1145831401.326705.315720@e56g2000cwe.googlegroups.com...
> Awesome information!
>
> What I am working on is really the development of a transmission
> standard for some data that has some fairly specific requirements. It
> is multuser to multiuser, with the server side being internet based and
> the client side being simplex wireless. The setup is probably similar
> in practice to how pagers are used now, except that there is a custom
> presentation layer. Each client recieves more data than does a pager,
> but the number of unique clients is far less, say less than 256
> different client identities, with potentially thousands of replications
> of each identity.
>
> A proxy is at the center of the whole thing sort of like this:
>
> WebBrowser->Internet->WebServer->Database->PresentationLayerConversion->Internet->Proxy-
>Radio->Wireless->Client
>
> Multiuser write, multiuser read, where the proxy is a basically a
> packet stripper. The reciever side does need to be able to
> differentiate between different destinations like a pager. So it made
> sense to me to just just use IP multicast addresses as wireless client
> addresses, and then the proxies could recieve on the same multicast
> addresses, manipulate the packet, and bridge it straight onto the
> serial interface. Basically I could IP/multicast internationally over
> the Internet, and then sprout wireless nodes from regional base
> stations without having to do any address conversion.
>
> So the radio/modem buffers the bits, and for a fully variable spectrum
> selection I should look at RDFT. Linux would be the obvious choice for
> development because of the amount of available driver code.
>
> Tons of great information! I will study it and get back to you!

>
> -Matt
>

131. Re: Newbie, questions on AX.25, theory, hardware etc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-24 03:00:43 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <sjrth3-0f9.ln1@p400bob.personal.cox.net>
Source record: 784

Okay so IP multicast it is? Keep in mind that most public (Internet) routers deliberately block multicast so you'll probably need to encapsulate it in something first like and IP-IP tunnel to each of your transmitter sites.

What is even stranger is that I was involved in a VHF pager project that needed simultaneous broadcast around an entire state via a low bw satellite delivery system. I think they also ended up using multicast.

If you want to stay away from multicast, I would suspect that if you stuck with TCP in the internet portion, then wrote a simple inetd handler (at the proxy where the transmitter was) to process the data stream, that would be simplests. Your handler could then so whatever it likes with data, making it RDFT, save to file and spawn some other process or whatever. This is the same basic method by which terminal servers work, encoding something like an RS232 stream inside a TCP transport then extracting it back to RS232 at the other end again.

It may even be worthwhile setting up a SSH linke to each of your TX sites, then passing whatever you like over the connection. Good for security.

Enough waffle from me!

Cheers Bob

psyshrike wrote:
>
> Awesome information!
>

132. Re: Newbie, questions on AX.25, theory, hardware etc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-25 03:38:17 UTC
From: larson@w6yx.stanford.edu
Message-ID: <e2k5j9isq1@news.Stanford.EDU>
Source record: 785

In article <1145754480.504270.195250@i40g2000cwc.googlegroups.com> <shrike@cyberspace.org> writes:

>I've touched wireless systems before but not enough to be dangerous. My
>background is in software and IPv4.
>
>I have an applicaction in mind for wireless transmission. It would be
>very narrow band and low bit rate (obviously), multicast transmission.
>The client side is reciever only.
>
>In this case AX.25 is overkill, as none of the collision management is
>required. As I understand it, what I need is modem, a radio, and a OSI
>Layer 2 frame type suitable for wireless transmission. Would PPP or
>HDLC work as a frame type? Is there something better suited to
>narrowband wireless?
>
>I don't really understand the actual signal modulation too well. If I
>said I wanted to span a particular frequency range, doesn't that
>frequency dictate the amount of asynchronous bits than can be modulated
>into it? So the modem would have to be tunable right? It would have to
>modulate specific to the spectrum in use. So I'm taking it there is a
>standard, or do the modems you guys use have a knob to control the
>modulation rate? Say the modem buffers 300 bps on the RS232 port but
>only has the spectrum to transmit say 200 bps through the radio? Or am
>I running into "why the hell would you do that?" territory?
>
>So what the minimum hardware/software required to drop one ip datagram
>onto a wire and get it transmitted in say a 10Khz wide band?

Several things come to mind.

1. Does it have to be an IP datagram? Does it need error detection?
Error correction? Maximum/minimum size?

2. What sort of data rate can you deal with? Is one bit per second
fast enough? Do you need 10 megabits/second?

3. What sort of coverage do you need? What signal to noise ratio
can you expect? Given the bandwidth you gave, one expects sort
of slow, but...

4. How does it compare to cellular transmissions?

5. How about ATSC (much bigger bandwidth and data rates, but you could
have a bunch of separate PIDs for the different info.)

You need to address several levels of the communications model -- from the basic modulation, to framing of packets or data, to meaning of the content.

You need to learn more about data communications. There are some good books out there. Unfortunately, if you want to develop something commercial and not tell people what you are doing on usenet (a good idea, that), you will have to learn a bunch, or pay someone who knows a lot about it.

Alan

133. Re: Newbie, questions on AX.25, theory, hardware etc.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-26 01:02:06 UTC
From: psyshrike <shrike@cyberspace.org>
Message-ID: <1146013326.492273.151490@i40g2000cwc.googlegroups.com>
Source record: 786

Howdy,

I'm interested in low level portability. The end-user portion the transmission standard is expected to be implimented in chips. But the the data-originator should optimize existing infrastructure. From that standpoint:

Browser->net->WebServer->Database->net->proxy->radio->wireless->client.

The segment between the database and the proxy really wants to be able to use IP as a network layer. If I was looking for a one-off solution I could cronjob an RCP. I would rather have a protocol instead because I want intercompatability between implimentations.

As a transmission standard I am thinking more layer 2 and up. Bandwidth usage should scale with the layer 1 medium. I don't need much band-'width' but would happily encode the bits on whatever frequency is most appropriate. 56Kbps would be nice but I could probably get away with 4.8Kbps

The actual frequency range I settled on will be dependent primarily on associated hardware costs. (on the client side, not the publisher side) I am guessing the L-band might be servicable considering there are already buku recievers units built for consumer GPS. Feel free to enlighten me if I'm totally off the mark there.

This service doesn't compare to GSM or equivilant. The protocol should not disclude terrestrial transmission, though sattelilte would be prefered due to fact that the customer base is global, potentially rural in many cases, and generally atypical of the GSM customer. I do have unique identifiers (for the data, as well as a client-id) that must be transmitted. These unique bits are expected to be read by a chip on the client side.

I am guessing that one of the issues here is that FEC seems to intigrate layer 4 and layer 1 of the OSI model into a single service. So wireless transmission and terrestrial transmission are a bit backwards. On copper, bits are reliable so error correction is mostly just CRCs. Dropping a frame is rare. With wireless the frequentness of dropped frames makes heavy error correction and transport control part of layer one. This makes following the OSI model from a development standpoint at least a little redundant past layer 1? Am I seeing that part of the issue clearly?

Thanks for the Ref to the ATSC, that will probably clear up a lot of my questions. You are correct, I do need to learn more about wireless communications. That is why I posted here. :-)

I'm guess what I'm looking at is writing a presentation layer protocol, encapping it in UDP, the proxy then strips the UDP header and reencaps my protocol into some form of ATSC protocol, which is then dumped into a modem buffer. Whalla, IP to end user.

(if only it was that easy)

-Matt

134. Soundmodem under Linux - documemtation?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-04-30 20:11:42 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <09ifi3-95s.ln1@p400bob.personal.cox.net>
Source record: 787
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,alt.ham-radio

Hi all

Cross-posted... (3)

Having a play with Tom Sailors soundmodem code and wonder if anyone has come accoss any documentation explaining the use of file input and path etc simulations? I could no doubt work it out by playing but it would be nice to see what others have done! I want to prove it works under my system by creating and loading a couple of raw/wav sound files etc.

The alternative would be someone who has experimented with it and can give me some pointers. I'd like to know for example whether one should use different confguration files when swicthing between "live" and test modes.

Any assistance appreciated

Cheers Bob VK2YQA

135. Seatty 1.70 is published

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-02 09:26:46 UTC
From: Sergei Podstrigailo <amx99@dxsoft.com>
Message-ID: <4457184a$0$29315$88260bb3@free.teranews.com>
Source record: 788

Hello All,

I have uploaded SeaTTY 1.70 to the main site and mirror:

http://www.dxsoft.com/seatty.zip
http://www.hamport.com/seatty.zip

--
Best regards,
Sergei

==
========
SeaTTY versions history

V1.70
Minor improvements of raw log files handling were made.
V1.65
NOAA Weather Radio SAME messages decoding was made.
Voice message is automatically saved to a wave-file (5 min maximum),
SAME header of a message - to a text file.
V1.60
User can select a soundcard by "Setup->Soundcard Number" menu now.
The "Setup->Put Time Stamps in Raw Logs" option was made.
When this option is selected, SeaTTY writes local or UTC time at
beginning of each string of a raw log file.
V1.50
The documentation was updated. Some minor bugs were fixed.
[...]

*** Posted via a free Usenet account from http://www.teranews.com ***

136. Please help to identification this digital mode

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-08 21:45:41 UTC
From: sq5rb@tlen.pl
Message-ID: <1147124741.729454.256240@i40g2000cwc.googlegroups.com>
Source record: 789

http://www.republika.pl/radioamator/sample.wav

Very popular in VHF band (alarms,monitoring)

I looking to decoder software via soundcard for this mode.

137. Bob Grant Tribute, Part 3

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-12 00:29:50 UTC
From: NewsGuy <NewsGuy2005@gmail.com>
Message-ID: <1147393790.938041.163560@q12g2000cwa.googlegroups.com>
Source record: 790

The collection of phone calls made by The Right Perspective's Frank and John to The Great One continues with this installment made after Sept. 11, 2001.

http://therightperspectivepodcastblog.blogspot.com/2006/05/bob-grant-tribute-part-3.html

Also Avaialable:

Bob Grant Tribute, Part 1:
http://therightperspectivepodcastblog.blogspot.com/2006/02/bob-grant-tribute.html

Bob Grant Tribute, Part 2:
http://therightperspectivepodcastblog.blogspot.com/2006/02/bob-grant-tribute-part-2.html

The Right Perspective - Heard LIVE every Friday 10pm EST over shortwave WWCR 3.215 Mhz and the Internet at www.therightperspective.com

Subscribe to RSS Feed:
http://feeds.feedburner.com/TheRightPerspectivePodcastBlog

138. Re: Rigblaster & USB follow up

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-12 04:50:25 UTC
From: Dick <w6ccd@k7yca.org>
Message-ID: <iu4862tfcq23fgsm3n9ngo895kd2l6r60r@4ax.com>
Source record: 791

On Sat, 07 Aug 2004 18:50:09 GMT, Mark Krubsack <mkrubsack@yahoo.com>
wrote:

>On Thu, 22 Apr 2004 12:33:09 +0100, "Denis O' Flynn"
><ei6hb@eircom.net> wrote:
>
>>Hi Folks,
>> Thanks for the help so far
>>
>>A follow up on my experience.
>>Have put rig control on USB and using comport for rigblaster.
>>
>>Now : can RX ok on all dig modes. However I can't hear any sounds from the
>>external speaker plugged into the back of the rigblaster when I TX. The 850s
>>does put out a signal alright.
>>
>>any info appreciated
>>de Denis EI6HB
>
>I have a similar situation. What did you use for the USB to serial
>adaptor? I am using TRX-Manager for rig control, and have to unplug
>that from my sole serial port to use the Rigblaster.
>
>Based on your experience, what's the best way to go?
>
>KE6OI,
>Mark Krubsack,
>mkrubsack@yahoo.com

Rigblaster sells a USB/Serial adapter made by IO Gear for use with the
Rigblaster.

Dick - W6CCD

139. Re: help with choosing parts for project

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-16 01:50:22 UTC
From: bob_deep@yahoo.com
Message-ID: <ydaag.5338$Sh3.3609@trnddc05>
Source record: 792

Cheapest solution is go buy a hobby Remote control radio and receiver
either for an RC car or Airplane.

If you are a ham, you can get on the ham bands if you ask for them.

The Digital radios of 10 years ago where very good, I've not seen the
new stuff since then but I'll bet it's even better/cheaper than it was then.

Amol Desai wrote:
> I'm looking to design and develop a remote controlled motor. The way i want
> to implement is to have a RF transmitter chip which will recieve digital
> inputs (pushbuttons) convert it to analog signal and the transmitter will
> then transmit the signal to RF receiver chip which will then convert it back
> to digital signal and send it to a PIC microcontroller (16f818, specs: 3V,
> 4MHz oscilator and 1 Mhz internal clock). The PIC microcontroller will then
> understand the signal and increase or decrease the speed of the motor
> accordingly. (Basically the concept is based on a remote control cars which
> kids play with).
>
> I'm interested in knowing which kind (specs,brand etc) of RF receiver and
> transmitter chips can i use to work in this project. Obviously being a
> college student i would like to purchase cheap parts :) Any input will be
> higly appereciated.
>
>

140. Re: WiFi packet on the 2390-2450Mhz band?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-16 01:58:45 UTC
From: bob_deep@yahoo.com
Message-ID: <plaag.5344$Sh3.2073@trnddc05>
Source record: 793

I believe they did, however, you must not use encryption or use a "well known key" so the FCC can monitor you if it wants. Look at the ARRL's site for a "well known key". I would strongly suggest going encrypted though, because any fool with a laptop could connect to your system if you don't. (Not that WiFi encryption is all that great to start with.)

Frankly, you don't need to go part 97 here unless you intend to use more power than part 15 allows, or you want to use a beam antenna and get more radiated power than part 15 allows. But if you need to power up and cover the whole city for an emergency communications net, go for it.

Brian Kantor wrote:
>> No software ... it's just WiFi ... hook it up, it works.
>
> Did the FCC finally allow hams to use the WiFi spreading sequences?
>

141. Re: Rigblaster & USB follow up

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-18 01:32:09 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns97C6BC8D85EA0doldridgsprintca@64.59.135.159>
Source record: 794

Dick <w6ccd@k7yca.org> wrote in
news:iu4862tfcq23fgsm3n9ngo895kd2l6r60r@4ax.com:

> On Sat, 07 Aug 2004 18:50:09 GMT, Mark Krubsack <mkrubsack@yahoo.com>
> wrote:
>
>>On Thu, 22 Apr 2004 12:33:09 +0100, "Denis O' Flynn"
>><ei6hb@eircom.net> wrote:
>>
>>>Hi Folks,
>>> Thanks for the help so far
>>>
>>>A follow up on my experience.
>>>Have put rig control on USB and using comport for rigblaster.
>>>
>>>Now : can RX ok on all dig modes. However I can't hear any sounds
>>>from the external speaker plugged into the back of the rigblaster
>>>when I TX. The 850s does put out a signal alright.
>>>
>>>any info appreciated
>>>de Denis EI6HB
>>
>>I have a similar situation. What did you use for the USB to serial
>>adaptor? I am using TRX-Manager for rig control, and have to unplug
>>that from my sole serial port to use the Rigblaster.
>>
>>Based on your experience, what's the best way to go?
>>
>>KE6OI,
>>Mark Krubsack,
>>mkrubsack@yahoo.com
>
> Rigblaster sells a USB/Serial adapter made by IO Gear for use with the
> Rigblaster.

Dick, I've been thinking of getting one of these, but my rig is an old
Ten Tec Omni-D series B. Is it difficult to wire up a mic adaptor for
these? My rig (and mic) want to see a standard stereo phono plug with
PTT on the tip and audio on the ring.

--
Dave Oldridge+
ICQ 1800667
VA7CZ

142. Re: Rigblaster & USB follow up

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-18 06:20:34 UTC
From: Dick <w6ccd@k7yca.org>
Message-ID: <he4o62doip8e4pqe23cgs27i4gplkqatmq@4ax.com>
Source record: 795

On Thu, 18 May 2006 01:32:09 GMT, Dave Oldridge
<doldridg@leavethisoutshaw.ca> wrote:
>Dick, I've been thinking of getting one of these, but my rig is an old
>Ten Tec Omni-D series B. Is it difficult to wire up a mic adaptor for
>these? My rig (and mic) want to see a standard stereo phono plug with
>PTT on the tip and audio on the ring.

It shouldn't be any more difficult to wire up than for any other
radio. RigBlaster may even have the jumper settings for that
particular radio. Send them an e-mail.

Dick

143. Les plus belles jeunes filles du web

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-18 10:04:42 UTC
From: mathilda@canadaweb.net
Message-ID: <446c46ba$0$21301$8fcfb975@news.wanadoo.fr>
Source record: 796
Body handling: HTML body converted to readable text

[No readable article body recovered]

144. Drayton Lifestyle LP241 central heating control.

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-19 18:54:43 UTC
From: Alasdair <mail@bobaxter.coo.uk>
Message-ID: <qr4s62ldlatqhhk95fqd6km9lgvqv3pd6u@4ax.com>
Source record: 797

Please, does anyone know the home website for Drayton? There are plenty of resellers out there but I can't find the manufacturer's site.

I've just had a new one of the above units fitted and am trying to find out how to set the time.

--
Alasdair.

145. MixW version 2.17 ready for downloading

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-20 12:17:02 UTC
From: Jim Jaffe <jaffejim@erols.com>
Message-ID: <_KGdnU4gj_AjlfLZRVn-tQ@rcn.net>
Source record: 798

```
-- Greetings Fellow Finger Talkers and Warblers from all Nations...
Happy to announce that MixW Version 2.17 is now available for
downloading off my Website:
www.nvbb.net/~jaffejim/mixwpage.htm now supporting either single or
dual channel modes in a single program. Please visit the "Changes" page
and read what is new in the program. Best 73 and Happy Finger
talking/Warbling.. Jim, WA2VOS MixW Software USA
```

146. Hamvention: Amateur Radio Manufacturers and Unfair Pricing...

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-22 16:08:47 UTC
From: laborkei <laborkeiNOSPAM@hotmail.com>
Message-ID: <1mlcg.51373$Kn4.38159@bignews2.bellsouth.net>
Source record: 799
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.swap

Amateur Radio Manufacturers and unfair pricing!

Here I sit the day after Dayton, calling around to all the dealers looking for a HF Transceiver. There were some fantastic prices offered on equipment (As much as $500 off list), and the dealers are back to charging full price today.

I am told by the dealers I called, that the Manufacturers were making deals with them so they could sell there inventories much cheaper, and the orders had to be taken at Dayton. Today, the day after when most of these orders had not even shipped yet, they are back up to full retail price.

To be fair, Manufacturers should allow these prices for a time period after Dayton to give other Amateurs who could not drive to Dayton an opportunity to get the same deals.

I think we should all write to them and let them know how we feel. This is unfair !

147. Re: Hamvention: Amateur Radio Manufacturers and Unfair Pricing...

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-22 16:26:44 UTC
From: Billy Smith <colonelsmileywrm85n6e8@yahoo.com>
Message-ID: <8Dlcg.5361$x4.2824@newsread3.news.pas.earthlink.net>
Source record: 800
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.swap

laborkei wrote:
> Amateur Radio Manufacturers and unfair pricing!
>
> Here I sit the day after Dayton, calling around to all the dealers looking
> for a HF Transceiver. There were some fantastic prices offered on equipment
> (As much as $500 off list), and the dealers are back to charging full price
> today.
>
> I am told by the dealers I called, that the Manufacturers were making deals
> with them so they could sell there inventories much cheaper, and the orders
> had to be taken at Dayton. Today, the day after when most of these orders
> had not even shipped yet, they are back up to full retail price.
>
> To be fair, Manufacturers should allow these prices for a time period after
> Dayton to give other Amateurs who could not drive to Dayton an opportunity
> to get the same deals.
>
> I think we should all write to them and let them know how we feel. This is
> unfair !
>
>

Cry us a river. They made the offers at Dayton and that was what they as
private businesses chose to do. You could have either went to Dayton or
found whatever way to get a radio from there. Get over it.

148. Re: Hamvention: Amateur Radio Manufacturers and Unfair Pricing...

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-22 16:30:02 UTC
From: Paul Rubin <http>
Message-ID: <7xirnyyqd1.fsf@ruckus.brouhaha.com>
Source record: 901
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.swap

"laborkei" <laborkeiNOSPAM@hotmail.com> writes:
> I think we should all write to them and let them know how we feel. This is
> unfair !

Why not just vote with your wallet?

149. Re: Hamvention: Amateur Radio Manufacturers and Unfair Pricing...

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-22 21:18:25 UTC
From: Wes Stewart <n7ws*@*yahoo.com>
Message-ID: <mia47256agbqijcepd8nm5rmogvi1fd7ii@4ax.com>
Source record: 902
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.swap

On Mon, 22 May 2006 16:26:44 GMT, Billy Smith
<colonelsmileywrm85n6e8@yahoo.com> wrote:
> You could have either went to Dayton

Or even better, you could have gone to Dayton.

150. Re: Hamvention: Amateur Radio Manufacturers and Unfair Pricing...

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-23 03:16:35 UTC
From: C64ER <me@home.com>
Message-ID: <n8vcg.30283$YI5.17975@tornado.ohiordc.rr.com>
Source record: 903
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.swap

Here's a clue:
Life is not fair. Never was, never will be.
Deal with it.

73

151. Re: Hamvention: Amateur Radio Manufacturers and Unfair Pricing...

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-23 14:06:00 UTC
From: "John L. Sielke" <w2agnNOSPAM@w2agn.net>
Message-ID: <447316C8.1080203@w2agn.net>
Source record: 904
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.swap

Billy Smith wrote:
> laborkei wrote:
>
>> Amateur Radio Manufacturers and unfair pricing!
>>
>> Here I sit the day after Dayton, calling around to all the dealers
>> looking
>> for a HF Transceiver. There were some fantastic prices offered on
>> equipment
>> (As much as $500 off list), and the dealers are back to charging full
>> price
>> today.
>>
>> I am told by the dealers I called, that the Manufacturers were making
>> deals
>> with them so they could sell there inventories much cheaper, and the
>> orders
>> had to be taken at Dayton. Today, the day after when most of these orders
>> had not even shipped yet, they are back up to full retail price.
>>
>> To be fair, Manufacturers should allow these prices for a time period
>> after
>> Dayton to give other Amateurs who could not drive to Dayton an
>> opportunity
>> to get the same deals.
>>
>> I think we should all write to them and let them know how we feel.
>> This is
>> unfair !
>>
>>
>
> Cry us a river. They made the offers at Dayton and that was what they as
> private businesses chose to do. You could have either went to Dayton or
> found whatever way to get a radio from there. Get over it.
>
Maybe you can get some left wing liberal whiners to feel sorry for you, but not
likely. This is a free market, remember? Or would you prefer the government
telling businesses what they can charge.

UNBELIEVABLE that some people expect soemthing for nothing all the time.

152. Having problems with hf.conf for hfterm

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-23 19:58:52 UTC
From: "J S Austin, W8JSA" <w8jsa@w8jsa.org>
Message-ID: <sUJcg.50686$9c6.1353@dukeread11>
Source record: 906
Cross-posted to: japan.ham-radio,man.ham-radio,nl.radio.amateur,rec.radio.amateur.digital.misc,relcom.radio.ham,su.org.ham-radio,tnn.radio.amateur,tw.bbs.rec.radio.amateur

I'm current running Red Hat with the latest kernel (2.6.x) and the latest version of hfterm (0.7.3). I also have the most current version of alsa. The serial port (/dev/ttyS0) is correct and have two sound cards installed in the workstation, one is a SoundBlaster SB Live (EMU10K1) and the other is an Ensoniq 5880. I'm using the first soundcard as the modem (audio = /dev/dsp0 - audio=plughw:0,0), based upon the advice from another ham who said that the Ensoniq is not the best choice for a soundcard modem. I have included the /etc/hf.conf for review. Thanks for the help in advance.

Sorry for the massive cross-posting but, I'm looking for the widest dissemination of my request for help.

```
#!/bin/bash

## *** *** /etc/hf.conf *** ***
## *** ***
## *** System-wide Configuration file for ***
## *** /usr/bin/hf ***
## *** by Günther Montag DL4MGE ***
## *** ***
## *** *** *** *** *** *** *** ***

## This config file will be included by /usr/bin/hf, the
## start script for hfkernel and hfterm.
## This is especially useful for the KNOPPIX linux distribution,
## where - if run from cd - there is no access to /usr/bin.
## If you do not configure things here, the default values in hf will be
used.
## Normally, these defaults should work,
## you might only have to configure your serial line here for transmit!

## There is a lot of documentation in English and German!
## See the HF-HOWTO in the doc subdirectory of the hf package
## or in /usr/share/<doc/><packages>/hf
## or F1 in the hfterm window under X.

## To configure, just remove the single comment signs '#'
## in the beginning of the lines you need.

## Serial line:
##################################################################################
## please uncomment one of the following:
## 'Com 1' in DOS language would be 'ttyS0' and so on.
```

```
serial=/dev/ttyS0
# serial=/dev/ttyS1
# serial=/dev/ttyS2
# serial=/dev/ttyS3
# serial=/dev/ttyS4
##
###############################################################################################

## Sound card:
#################################################################################
## hfkernel has been written for OSS.
## ALSA, the newer sound driver system, emulates OSS.
## For both, OSS and ALSA-OSS-emulation, the soundcard can be approached as:
## /dev/dsp or /dev/dsp0 (the first) - this is the default setting, ETC.
audio = /dev/dsp0
# audio = /dev/dsp1
# audio = /dev/dsp2
# audio = /dev/dsp3
## hf now got additional code for ALSA without OSS emulation.
## To use it, the first soundcard is approached as 'plughw:0,0':
audio=plughw:0,0
# audio=plughw:1,0
# audio=plughw:2,0
# audio=plughw:3,0
## If you need the 'aoss' prefix for alsa oss emulation preload mechanism,
## uncomment this:
# alsa_prefix=aoss
## ( until now I did not hear of any advantage of this.)
###############################################################################################

## Time correction factors:
#########################################################
## Normally for first start you do not need to change something here.
## For longer standing Amtor od Pactor connects, and also for MT63,
## a calibration might improve the performance of hf.
## See man dcf77rx, man reffreq, ratecal1, many examples in the HF-HOWTO!
## You can enter correctioion factors here by hand, but dcf77rx and reffreq
## can enter their corrections automatically at the end of this file.
##
## If your soundcard can do full-duplex, hfkernel uses the soundcard clock.
## You can enter a soundcard clock correction factor here:
soundcorr=1.0
##
## If your soundcard can do only half-duplex,
## hfkernel tries the RDTSC instruction for getting the time.
## For this you can enter the exact rate (in kHz) here:
# mhzcorr=
##
## If RDTSC not working, (then you also might need option -R at
kerneloptions)
## hf uses the less accurate 'gettimeofday' for getting the time.
```

```
## Insert a gettimeofday correction factor here:
timecorr=1.0
##
#################################################################################################

## Other options:
#################################################################################
## if other options for hfkernel are needed, insert them
## between the quotes, separated by whitespace, e.g. " -h -R ":
## If your cpu does not support RTDSC instruction: option ' -R'.
## If hfkernel crashes in full duplex mode: option '-h' (force halfduplex).
## If error message containing 'MMAP': option ' -n ' (no mmap).
## (If this is the case, try also the ALSA code, see above!)
## I put '-n' here as default for first start.
# kerneloptions="-n "
#################################################################################################

## Combined start of hf under X:
#############################################
## If all is running well, the hf script will start hfkernel and then
## hfterm. hfkernel's debug output might be interesting, so originally I
## made it run on an 'xterm', a little read-only terminal, in the
## background of hfterm. With e.g. SuSE 9.1, the xterm slowed down the whole
## thing, which led to a crash of hfkernel. So now the xterm can be
## switched on as an option here.
## You will still be able to see hfkernel's output if you start hf
## from an X console.
# x_prefix="xterm -e"
## or, for debugging, try an xterm which remains after hfkernel`s quit:
# x_prefix="xterm -hold -e"
# x_prefix=" "
#################################################################################################

## now hope all is correct, and have fun and good dx!
#########################
## 73 de GÃ¼nther and your hf - team
##
#################################################################################################
## From here on, if you use dcf77rx or reffreq, automatically
## correction factors will be entered, the last of each kind will be valid.
#################################################################################################

--
J S AUSTIN, W8JSA
AMATEUR RADIO STATION W8JSA
CHESAPEAKE VA 23320
N36° 45' 43” W076° 15' 01”
FM16us
```

153. Re: Soundmodem under Linux - documemtation?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-23 20:02:42 UTC
From: Jeffrey S Austin <jeffrey.austin@w8jsa.org>
Message-ID: <44736A62.8030800@w8jsa.org>
Source record: 905
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,alt.ham-radio

Bob Bob wrote:

> Hi all
>
> Cross-posted... (3)
>
> Having a play with Tom Sailors soundmodem code and wonder if anyone
> has come accoss any documentation explaining the use of file input and
> path etc simulations? I could no doubt work it out by playing but it
> would be nice to see what others have done! I want to prove it works
> under my system by creating and loading a couple of raw/wav sound
> files etc.
>
> The alternative would be someone who has experimented with it and can
> give me some pointers. I'd like to know for example whether one should
> use different confguration files when swicthing between "live" and
> test modes.
>
> Any assistance appreciated
>
> Cheers Bob VK2YQA

Bob,
Are you running hfterm?

--
Jeffrey S Austin
Chesapeake VA

“I fight what you fear, the Red Devil”

154. Re: Please help to identification this digital mode

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-24 00:53:53 UTC
From: "kb0oxd@gmail.com" <kb0oxd@gmail.com>
Message-ID: <1148432033.309715.227180@u72g2000cwu.googlegroups.com>
Source record: 907

Hi everyone:

The URL you gave doesn't work.

Cheers & 73 :)

Pat Cook, KB0OXD

155. Re: Hamvention: Amateur Radio Manufacturers and Unfair Pricing...

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-24 03:06:46 UTC
From: Topaz305RK <k7sam@arrl.net>
Message-ID: <t5mdnd6PA5JfUO7ZRVn-ig@vnet-inc.com>
Source record: 908
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.swap

Get a grip dude, that is the way sales work, it starts at a certain time and ends at a certain. That time may not be on the schedule you like, oh well, that is what being the guy setting up the sale is all about. Don't like it, make your own product, market it, set up a sale and then let folks who want the special price a day or two later have it, it will be your business and you can run it any way you like.

Jeeze, I hate whiners!!!!

156. Re: M-8000 EPROMS and Manual???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-24 04:41:07 UTC
From: kj6aq <kj6aq.28b1pa@news.radiobanter.com>
Message-ID: <kj6aq.28b1pa@news.radiobanter.com>
Source record: 910

Dino Papas Wrote:
> Anyone have a lead on where I might be able to get the manual
> electronically and the final run of EPROMS? Picked up a unit on eBay
> w/o
> those and would like to find a manual and update the system.
>
> Thanks in advance!
>
> Dino KL0S/4
I'm reasurching the m-8000 right now and have posted on several
locations, if i find anything out I'll share it with you..jack

--
kj6aq

157. Re: Soundmodem under Linux - documemtation?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-24 05:36:30 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <uv7dk3-ljg.ln1@p400bob.personal.cox.net>
Source record: 909
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,alt.ham-radio

Nope!

Jeffrey S Austin wrote:
>
>
>
> Bob,
> Are you running hfterm?
>

158. ebay: Icom 756 PROII Available, Nice !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-25 10:25:21 UTC
From: laborkei <laborkeiNOSPAM@hotmail.com>
Message-ID: <1Cfdg.46071$QU3.35310@bignews8.bellsouth.net>
Source record: 911
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap

http://cgi.ebay.com/Icom-756PROII-Transceiver_W0QQitemZ9731654891

--

159. Re: ebay: Icom 756 PROII Available, Nice !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-25 10:29:46 UTC
From: w8ji@akorn.net
Message-ID: <1148552986.398194.197110@38g2000cwa.googlegroups.com>
Source record: 912
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

laborkei wrote:
> http://cgi.ebay.com/Icom-756PROII-Transceiver_W0QQitemZ9731654891

Why would anyone spam an antenna discussion reflector with ebay trash?

160. Re: ebay: Icom 756 PROII Available, Nice !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-25 11:51:40 UTC
From: Buck <not@this.time>
Message-ID: <7f6b729kr9vm6o3amk40ldk74c2m8b11ho@4ax.com>
Source record: 913
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

On 25 May 2006 03:29:46 -0700, w8ji@akorn.net wrote:

>laborkei wrote:
>> http://cgi.ebay.com/Icom-756PROII-Transceiver_W0QQitemZ9731654891
>
>Why would anyone spam an antenna discussion reflector with ebay trash?

They are too dumb to realize that the ebay search will bring up the
item to those who are interested in finding it.

--
73 for now
Buck
N4PGW

161. Re: ebay: Icom 756 PROII Available, Nice !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-25 11:57:25 UTC
From: Buck <not@this.time>
Message-ID: <4n6b72davtbs84eapatpkoetbp45irjntg@4ax.com>
Source record: 914
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap

On Thu, 25 May 2006 06:25:21 -0400, "laborkei"
<laborkeiNOSPAM@hotmail.com> wrote:

>http://cgi.ebay.com/Icom-756PROII-Transceiver_W0QQitemZ9731654891

abuse@bellsouth.net

--
73 for now
Buck
N4PGW

162. femmes mures en manque de sexe cherchent hommes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-25 18:24:46 UTC
From: christiane@dunet.web
Message-ID: <4475f66d$0$23264$8fcfb975@news.wanadoo.fr>
Source record: 915
Body handling: HTML body converted to readable text

[No readable article body recovered]

163. jeunes filles 18 ans tres chaudes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-25 18:24:47 UTC
From: coralie@canaweb.ca
Message-ID: <4475f66f$0$3191$8fcfb975@news.wanadoo.fr>
Source record: 916
Body handling: HTML body converted to readable text

[No readable article body recovered]

164. jeune fille 18 ans innocente

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-25 18:24:48 UTC
From: cinthia@eurasia.net
Message-ID: <4475f670$0$18343$8fcfb975@news.wanadoo.fr>
Source record: 917
Body handling: HTML body converted to readable text

[No readable article body recovered]

165. APRSpoint: memorial day special

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-28 17:40:35 UTC
From: "hxc98@yahoo.com" <hxc98@yahoo.com>
Message-ID: <1148838035.803104.284330@g10g2000cwb.googlegroups.com>
Source record: 918

APRSPoint is the latest APRS implementation and it is being used in vehicle tracking, search and rescue, emergency communication and many other areas. It allows you to track persons or objects via rf or internet. It is constantly being updated with new features and improvements. We are offerring a special discount for this memorial day weekend. Please visit http://www.aprspoint.com for details and lots of helpful information about APRS. Thanks.

166. Re: SOLD ebay: Icom 756 PROII Available, Nice !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-29 14:16:15 UTC
From: chuck <chuck_brown@cbfamily.net>
Message-ID: <447B022D.19F62BF1@cbfamily.net>
Source record: 919
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap

ha ha ha

167. Re: ebay: Icom 756 PROII Available, Nice !

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-05-29 16:59:00 UTC
From: "Dr. Anton T. Squeegee" <SpammersBlow@dev.null>
Message-ID: <MPG.1ee4c82f42cc53179896b0@news.drizzle.com>
Source record: 920
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

In article <4n6b72davtbs84eapatpkoetbp45irjntg@4ax.com>, not@this.time
(known to some as Buck) scribed...

> On Thu, 25 May 2006 06:25:21 -0400, "laborkei"
> <laborkeiNOSPAM@hotmail.com> wrote:
>
> >http://cgi.ebay.com/Icom-756PROII-Transceiver_W0QQitemZ9731654891
>
>
> abuse@bellsouth.net

<snort!> Like Bellsouth cares. I've had lots of their IP space
blocked out of our systems for the last few years, mainly because they
don't give a rip about spam, or the fact that their network is full of
spammer-zombie PC's.

Keep the peace(es).

--
Dr. Anton T. Squeegee, Director, Dutch Surrealist Plumbing Institute
(Known to some as Bruce Lane, KC7GR)
http://www.bluefeathertech.com -- kyrrin a/t bluefeathertech d-o=t calm
"Salvadore Dali's computer has surreal ports..."

168. WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-01 21:55:36 UTC
From: K7AAY <john.bartley@gmail.com>
Message-ID: <1149198936.151961.197850@u72g2000cwu.googlegroups.com>
Source record: 921
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Looking for a 2m / 70cm transceiver, all modes preferred to permit SSB packet, which I've heard praised in this area (Oregon).

You on-topic suggestions as to a good voice/packet mobile rig would be appreciated.

169. Re: WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-02 06:48:44 UTC
From: F8BOE <f8boe-8@bluemail.ch>
Message-ID: <447fdf4a$0$11007$626a54ce@news.free.fr>
Source record: 922
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Hi!

SSB packet on 2m and 70cm? Maybe at 300Bd? Must be very easy and efficient...

As far as I remember, no mulimode dual-band mobile rig was ever produced. Actually you only find IC-706 and FT-897 type mobiles with multimode abilities on 2 and 70.
And exit the monoband multimodes such as kwd's TM255/455 (no more produced)... For mobile action I'm using an old Yaesu FT-7100, which I also use for 1k2/9k6 packet with a TNC2-Multi (IfD, Germany) or a homebrewed soundcard interface and modern Software (Flex32, Paxon 2.00.1114, WPP 3.18, Soundmodem, under WinXP).

I think that in the USA, where 9k6 packet is a vague idea and TXDelays are sooooo looooong and fast switching is of no need, an IC 706 would do the job.
But I would recommend to take a rig with a miniDIN (sort of PS2) plug for packet/digimode action, so not really the Icom 706 brand.

The miniDIN tends to be a standard plug-and-play feature for most modern TNCs and digi-mode controllers.

And I'm quite sure you wiil need som links:

http://www.uspacket.org/
http://wpp.dc6hb.de/
http://www.afthd.tu-darmstadt.de/~flexnet/
http://www.paxon.de/

I intensionnaly do not give the paths to AGWPE or Winpack... I let you guess why.

If you are interestd in APRS, you can install WPP or use UI-View with AGWPE, but for Heaven's sake, do not use any AGWPE version for packet radio! The sysops and your packet mates will praise you.

73 de F8BOE Olivier ...-.-

K7AAY wrote:

> Looking for a 2m / 70cm transceiver, all modes preferred to permit SSB
> packet, which I've heard praised in this area (Oregon).
>
> You on-topic suggestions as to a good voice/packet mobile rig would be
> appreciated.

170. MFJ-1278B question - PTT of power off

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-02 18:03:07 UTC
From: Ken <VHFNUT@whoknows.net>
Message-ID: <qvidneCuI7Xe4B3ZnZ2dnUVZ_vadnZ2d@adelphia.com>
Source record: 923

I have an MFJ-1278B interface that works fine but when the power is removed from it, it keys the transmitters PTT line. I'm using it with a Kenwood 2000 which I don't think matters what radio it would be used with since it is going to ground on removal of power. I don't have a manual for it since I bought it off Ebay but it did come with the standard 1278 (not B) manual which appears to be a good bit different. Anyone have any idea what might be going on??

Tnx and 73,
Ken, WS4V
See QRZ.com for email address if replying directly.

171. Re: WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-02 19:16:58 UTC
From: John Bartley <john.bartley@gmail.com>
Message-ID: <1149275818.839853.168290@j55g2000cwa.googlegroups.com>
Source record: 924

F8BOE wrote:
> Hi!
>
> SSB packet on 2m and 70cm? Maybe at 300Bd? Must be very easy and
> efficient...

Efficiency is irrelevant.. this is for ARES use when all the
'efficient' systems are down.

> As far as I remember, no mulimode dual-band mobile rig was ever produced.
> Actually you only find IC-706 and FT-897 type mobiles with multimode
> abilities on 2 and 70.

Yep. Looks like the IC-706 family will be much easier to put in my
Jeep than an FT-897/897D would.

> And exit the monoband multimodes such as kwd's TM255/455 (no more
> produced)... For mobile action I'm using an old Yaesu FT-7100, which I also
> use for 1k2/9k6 packet with a TNC2-Multi (IfD, Germany) or a homebrewed
> soundcard interface and modern Software (Flex32, Paxon 2.00.1114, WPP 3.18,
> Soundmodem, under WinXP).
>
> I think that in the USA, where 9k6 packet is a vague idea

Lots of 9600 baud out here in the Silicon Forest, up on the Left Coast.
http://users.rio.com/kg7fu/mopacket.html

> and TXDelays are sooooo looooong and fast switching is of no need,

Being rather new at Packet, I do not understand the latter two issues.

> an IC 706 would do the job.

> But I would recommend to take a rig with a miniDIN (sort of PS2) plug for
> packet/digimode action, so not really the Icom 706 brand.
> The miniDIN tends to be a standard plug-and-play feature for most modern
> TNCs and digi-mode controllers.

Why would I be swapping TNCs out? Once it works, it will stay
connected, and I think I'd add a mike/TNC switch.

> And I'm quite sure you wiil need some links:
>
> http://www.uspacket.org/
> http://wpp.dc6hb.de/
> http://www.afthd.tu-darmstadt.de/~flexnet/
> http://www.paxon.de/
>

> I intentionally do not give the paths to AGWPE or Winpack... I let you guess
> why.

Because, perhaps, you too are a Penguinista? Debian distros, e.g.,
Ubuntu or Kubunto, rock, and you can run Dam Small Linux, Puppy, and
other Debian-based compact distros off a 128MB USB memory drive, which
are absurdly cheap 'round these here parts.

Merci, many thanks, 73s & best regards.

172. Re: WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-02 19:30:27 UTC
From: fmmck@aol.com
Message-ID: <fmmck-0206061530270001@aca568f2.ipt.aol.com>
Source record: 925

In article <447fdf4a$0$11007$626a54ce@news.free.fr>, f8boe-8@bluemail.ch wrote:

> As far as I remember, no mulimode dual-band mobile rig was ever produced.
> Actually you only find IC-706 and FT-897 type mobiles with multimode
> abilities on 2 and 70.

Olivier & John-

The IC-706 Mark II or FT-897 may be easier to find. But what about the
TS-790? I believe it came with dual band capability, and could have
another higher band added.

(I have an original IC-706, which does not have the 450 MHz band.)

73, Fred, K4DII

173. Re: APRSpoint: memorial day special

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-04 13:00:47 UTC
From: "J. D. B." <duffyb01@nospamfuse.net>
Message-ID: <c323f$4482d97b$d06640f9$4865@FUSE.NET>
Source record: 926

The only issue with APRSPoint is that support and upgrades are sorely lacking. The Yahoo group he runs is censored so that any suggestions or criticisms of his product are not posted. He needs to really upgrade this program. It is one of the most expensive and also has the least amount of features. Nice start, but the author needs to really spend some time getting this program up to where all the other APRS programs are in functionality.

hxc98@yahoo.com wrote:
> APRSPoint is the latest APRS implementation and it is being used in
> vehicle tracking, search and rescue, emergency communication and many
> other areas. It allows you to track persons or objects via rf or
> internet. It is constantly being updated with new features and
> improvements. We are offerring a special discount for this memorial day
> weekend. Please visit http://www.aprspoint.com for details and lots of
> helpful information about APRS. Thanks.
>

174. Re: WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-05 00:03:35 UTC
From: an old friend <kb9rqz@yahoo.com>
Message-ID: <1149465815.766486.310200@u72g2000cwu.googlegroups.com>
Source record: 927
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

K7AAY wrote:
> Looking for a 2m / 70cm transceiver, all modes preferred to permit SSB
> packet, which I've heard praised in this area (Oregon).
>
> You on-topic suggestions as to a good voice/packet mobile rig would be
> appreciated.
Icom 910h is worthy of consideration dula band fairly high power
(option for 1.2 gig) neer heard of vhf.uhf packet on SSB but souunds
interesting

175. Re: WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-05 03:54:42 UTC
From: jawod <jawod@fuse.net>
Message-ID: <4483AB02.4020507@fuse.net>
Source record: 928
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

K7AAY wrote:
> Looking for a 2m / 70cm transceiver, all modes preferred to permit SSB
> packet, which I've heard praised in this area (Oregon).
>
> You on-topic suggestions as to a good voice/packet mobile rig would be
> appreciated.
>
Please help a newbie: what is SSB packet?
I am guessing data in one sideband with 2.5 KHz bandwidth or so?
I still confuse PSK and packet.

176. Re: WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-05 07:25:09 UTC
From: F8BOE <f8boe-8@bluemail.ch>
Message-ID: <4483dc56$0$21204$626a54ce@news.free.fr>
Source record: 929

Hello,

I don't think that the TS-790, nor the IC-821 or 910H were ever meant for mobile use...
Other interesting rigs are the FT-100D and the FT-857.

And no, I do not recommend AGWPE and Winpack because I can use Unix-based applications, but just because I tested them... And they both failed.

Winpack: really shiny with a lot of functionnality, but too complicated to configure, and only limited to the archaic FBB systems and unreliable 7+ file format. No Bin, no BinSplit, no Didadit modes. Too old.

AGWPE: the wannabe effective driver; wannado alot, ending like the swiss knives with doing nothing really the right way... Only good for APRS and overloading the packet net traffic with useless ack frames, a kind of100% link quality with 0% file transfer rates. Sometimes I really wonder how people use packet radio... In passive-mode only...

So I will go on with Paxon, WPP and Flex32.

73 de F8BOE Olivier ...-.-

Fred McKenzie wrote:

> In article <447fdf4a$0$11007$626a54ce@news.free.fr>, f8boe-8@bluemail.ch
> wrote:
>
>> As far as I remember, no mulimode dual-band mobile rig was ever produced.
>> Actually you only find IC-706 and FT-897 type mobiles with multimode
>> abilities on 2 and 70.
>
> Olivier & John-
>
> The IC-706 Mark II or FT-897 may be easier to find. But what about the
> TS-790? I believe it came with dual band capability, and could have
> another higher band added.
>
> (I have an original IC-706, which does not have the 450 MHz band.)
>
> 73, Fred, K4DII

177. Re: WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-05 08:29:52 UTC
From: F8BOE <f8boe-8@bluemail.ch>
Message-ID: <4483eb81$0$30308$626a54ce@news.free.fr>
Source record: 930

Hello,

I had the chance to step in packet radio with Baycom 1.6 under Win95 with a Baycom modem. So I had to learn fast to fix the problems and to set the parameters correctly...

TXD (x10 ms): delay between PTT action and packet frame launching. Depending on your TRX's PLL quality and the TNC/modem abilities. My FT51r and FT7100 handle TXD of 18 (180ms), the TM-255/455 go down to 12, the T7F (9k6/19k2 packet TRX) breaks the 50ms mark, but that with a TNC2; using a Baycom modem induces audio lag, so I had to set the TXD between 20 and 22 with the FT51r. In Europe, when your TXD is too long you get rejected... That's why you can only expect to work 1k2 packet with an IC-706 (a 300ms minimum is worse than a CB transceiver, so no Pactor too)

DWAIT/DW (x10 ms): mean time delay between end of reception of a packet frame and PTT action. If a frame is recieved in this time, there's no keing up. To give a connection chance to every other station, DW is a random parameter. For 1k2, a DW of 12 is pretty fair (10 or 12 for 9k6) but less than 10 is the crocodile way and you get problems with your mates and your digi sysop.

The packet frame is the audio signal coming after the end of TXD. So if your TXD is too long and your TRX can handle it shorter, you can connect and get rejected, or you cannot connect because your frame does not come out in the DW interval. If your TRX can not handle the right TXD, your packet frame is cut (and ignored).

9k6 packet is done in FM mode but it is not an F3E signal at all, as the G3RUH modulation is injected in the TRX after the audio mixer... So long for the miniDIN-6 (PS2) plug, and there's no need of a mike/TNC switch, when the 6-pin miniDIN is present.

By the way, there are two different pins on this plug for 1k2 and 9k6, so be careful, the signal peeks are not the same!

Other important things: Mouse cables are of no use, because even though they have 5 wires the 6th wire lacks on the wrong pin, so if you only need one connector, you must take a PS2/PS2 cable which you can cut in two pieces but no mouse or keyboard cable.
There are two miniDIN plugs on some TRXs, one 6-pin (PS2 type) and one 8-pin; for the TNC you must use the 6-pin miniDIN.

Well, it was a little bit long, but these infos and packet application test reports are on most packet BBS, so if you find an i-net packet BBS you should find what you need... Could also be in the europestuff on the american boxes.

73 de F8BOE Olivier ...-.-

178. Re: WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-05 17:54:51 UTC
From: fmmck@aol.com
Message-ID: <fmmck-0506061354510001@aca333b9.ipt.aol.com>
Source record: 931
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

In article <4483AB02.4020507@fuse.net>, jawod <jawod@fuse.net> wrote:

> Please help a newbie: what is SSB packet?
> I am guessing data in one sideband with 2.5 KHz bandwidth or so?
> I still confuse PSK and packet.

Jawod-

For practical purposes, SSB and FSK Packet are the same, just different ways of generating the signal.

If you have an RF carrier and shift the frequency, you are switching between Mark and Space frequencies. A typical Packet TNC also puts out audio tones that can be used to drive the microphone circuit of an SSB transmitter. The resulting signal is equal in frequency to the carrier plus (or minus) the Mark and Space audio tones.

If you tune your SSB receiver to decode an incoming Packet signal, your transmitted Mark and Space freqencies should line-up with the received frequencies. However Mark and Space may be reversed. If it won't decode, switching to the opposite sideband and retuning should clear it up.

73, Fred, K4DII

179. Re: WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-07 15:47:17 UTC
From: Mike <Mike@nowhere.net>
Message-ID: <9yChg.254431$WI1.213704@pd7tw2no>
Source record: 932

Good info Olivier
Cheers!

73 de Mike VE6HMG

180. Re: WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-11 03:38:38 UTC
From: "Dana H. Myers" <dana.myers@gmail.com>
Message-ID: <Q5WdnfloN6WgDRbZnZ2dnUVZ_omdnZ2d@comcast.com>
Source record: 933

F8BOE wrote:

> Other important things: Mouse cables are of no use, because even though they
> have 5 wires the 6th wire lacks on the wrong pin, so if you only need one
> connector, you must take a PS2/PS2 cable which you can cut in two pieces
> but no mouse or keyboard cable.
> There are two miniDIN plugs on some TRXs, one 6-pin (PS2 type) and one
> 8-pin; for the TNC you must use the 6-pin miniDIN.

This is familiar; several years ago, I wrote the following note
about using a PS/2 keyboard extension cable:

http://k6jq.home.comcast.net/ft847_pkt.html

73,
Dana K6JQ

181. Re: WTB 2m / 70cm all modes transceiver

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-11 05:42:07 UTC
From: "Dana H. Myers" <dana.myers@gmail.com>
Message-ID: <RtOdnQMTibqzMBbZnZ2dnUVZ_v2dnZ2d@comcast.com>
Source record: 934

John Bartley wrote:

>> I think that in the USA, where 9k6 packet is a vague idea
>
> Lots of 9600 baud out here in the Silicon Forest, up on the Left Coast.
> http://users.rio.com/kg7fu/mopacket.html

That list appears to be 10+ years old. I wonder how many
of those nodes are still operating.

Dana K6JQ

182. ADVERT: DSP Training in August, San Jose, CA

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-13 22:33:00 UTC
From: info@besserassociates.com
Message-ID: <448f3c50.555978218@news.sf.sbcglobal.net>
Source record: 935
Cross-posted to:
comp.dsp,comp.realtime,comp.speech,comp.soft-sys.matlab,rec.radio.amateur.digital.misc,rec.audio.pro,rec.audio.tech

Besser Associates is offering their acclaimed
"DSP Made Simple for Engineers" class in
San Jose, California, on 16-18 August 2006.

This 3-day class is particularly well-suited to those involved
in RF and Audio signal processing, and computer programmers,
who need to learn the fundamentals of DSP theory. Details of this
course, including target audience, learning objectives, course
outline, materials descriptions, and past student comments
are contained in this post as items "A" through "I".

To register, please contact Besser Associates at 650-949-3300.
For additional course offerings, call Besser Associates
or visit http://www.bessercourse.com/ to view our public course
catalog and current schedule.

------ Detailed DSP course information follows ------

A. BESSER COURSE TITLE:
"DSP Made Simple for Engineers"; a 3-day tutorial course
on digital signal processing (DSP) theory.

B. TARGET AUDIENCE
* The primary audience is practicing RF (and Audio) hardware
Engineers and Software Programmers who need to understand
digital signal processing (DSP) because of its
ever-increasing role in the processing of real-world signals.

* While DSP Made Simple is not a "programming course", it is
particularly well suited for computer programmers because
of their increasing need to understand DSP algorithms.

* In general, this course is beneficial to anyone involved
in the acquisition, generation, transmission, filtering,
or analysis of digital signals.

C. WHAT THE STUDENT GAINS FROM THE COURSE:
* The ability to apply DSP techniques to real-world
signal processing problems in their work.

* A solid grasp of DSP basics and the ability to move
gradually to more sophisticated DSP concepts and
applications.

* The ability to speak the language of DSP.

* Much practical information on how to optimize (streamline
the computations of) the algorithms of DSP.

* The ability to understand written descriptions (articles,
application notes, textbooks) of DSP methods used
in practice.

To register, please contact Besser Associates at 650-949-3300.
For additional course offerings, please call Besser Associates
or visit http://www.bessercourse.com/

D. COURSE OUTLINE

_____
DAY 1
DISCRETE SEQUENCES AND SYSTEMS
* Discrete Sequences, Their Notation, and Representation
* Signal Amplitude, Magnitude, Power Definitions
* Signal Processing Operational Symbols

PERIODIC SAMPLING
* Periodic Sampling and Aliasing
* Sampling Low-Pass Signals
* Sampling Bandpass Signals
* Spectral Inversion in Bandpass Sampling

THE DISCRETE FOURIER TRANSFORM
* Understanding the DFT Equation
* DFT Properties
* DFT Results Interpretation
* Shifting Theorem
* Inverse DFT
* DFT Leakage
* Use of Signal data Windows
* DFT Resolution and Zero Padding
* DFT Processing Gain

_____
_____
DAY 2
THE FAST FOURIER TRANSFORM
* Relationship of the FFT to the DFT
* FFT Input/Output Indexing Bit Reversal
* Guidance On Using FFTs With Real-World Signals
* Averaging Multiple FFTs

FINITE IMPULSE RESPONSE DIGITAL FILTERS
* An Introduction to Finite Impulse Response Filters
* Convolution In FIR Filters
* FIR Filter Analysis and Design Examples
* Phase Response of FIR Filters (Group Delay)
* Half-Band FIR Filters
* Brief Introduction to Matched Filters
* FIR Comb Filters

_____
DAY 3
INFINITE IMPULSE RESPONSE DIGITAL FILTERS
* An Introduction to Infinite Impulse Response Filters
* The Laplace Transform
* The z-Transform
* IIR Filter Design and Analysis Methods
* Pitfalls in Building IIR Digital Filters
* Cascade and Parallel Combinations of Digital Filters
* Comparison of IIR and FIR Filters

ADVANCED SAMPLING TECHNIQUES
* Quadrature Signals and Quadrature Sampling
* Quadrature Sampling With Digital Mixing
* Digital Resampling (Sample Rate Change)
* Decimation
* Interpolation
* Decimation and Interpolation in Combination

E. WHAT THE COURSE DOES NOT COVER:
The DSP Made Simple Course does not cover the hardware architecture of commercial programmable DSP integrated circuits. Likewise, while the course introduces the topic of commercially available DSP design software packages, no computer programming is performed as part of the course.

F. COURSE HANDOUT MATERIAL
The training material comprises 475 pages of class handouts. With the typical lecturer, the student must decide between taking notes, or paying attention to what the lecturer is saying. The training handout solves this "note-taking" dilemma. The DSP Made Simple training material provides a "bulletized" description of each DSP topic in addition to an abundance of diagrams. A textual description summarizing the key DSP concepts are included at the bottom of each handout page.

The highly praised DSP textbook, "Understanding Digital Signal Processing, 2/E" (Prentice Hall Publishing) will be supplied to each student. This book has been Amazon.com's top-selling DSP book for over five years.

G. COURSE LECTURER:
RICHARD LYONS is a Consulting Systems Engineer and lecturer with Besser Associates in Mt. View, CA. He has been the Lead Hardware Engineer for numerous large signal processing systems for both the National Security Agency (NSA) and TRW Inc. An experienced lecturer, and instructor at the University of California Santa Cruz Extension, Richard has delivered signal processing seminars and training courses throughout the US and Europe. As an Associate Editor for the IEEE Signal Processing Magazine, he created and edits the magazine's "DSP Tips & Tricks" column. He has written numerous

articles on DSP topics, and authored the best selling
textbook "Understanding Digital Signal Processing 2/E"
(Prentice-Hall, 2004). Richard is a member of the IEEE,
and Eta Kappa Nu the electrical engineering honor
society. He can be contacted at: R.Lyons@ieee.org.

H. WHAT'S GOOD ABOUT THE COURSE
* Instead of overwhelming the student with complex
mathematics, the lecturer uses intuitive explanations and
well-chosen examples to develop a fundamental understanding
of DSP theory. (A recipe for technical material that's too
rich in equations is hard for the beginner to digest.)

* The practical aspects of signal processing techniques are
stressed as opposed to mathematically rigorous discussions
of discrete system theory. THIS COURSE TEACHES THE
STUDENTS HOW TO USE DSP IN THEIR WORK.

* Comprehensive in scope, and gentle in approach, the course
gives the student a thorough grasp of the basics and the
ability to move on to more sophisticated DSP concepts and
applications.

* In addition to covering the key practical aspects of DSP, a
collection of tricks-of-the-trade used by DSP professionals,
to make their processing more efficient, are introduced
throughout the course.

* In terms of DSP training, this course is the beginner's best
opportunity to efficiently and thoroughly learn the
fundamentals of DSP.

I. QUOTES FROM RECENT STUDENTS:

"Excellent course for engineers wanting to get (an) insight
into DSP."
- George Hughes, Lockheed Martin

"Instructor takes a traditionally difficult subject to learn,
and made it easy. His printed material is excellent."
- William Schnable, Lucent Technologies

"I appreciated the instructor's ability to communicate complex
subjects in a simple format. This course is in my top 3 of
'Best Ever' (in 20 years)."
- Brian Kralicek, Nokia

"Lyons presents a very solid engineering perspective of the
subject with a minimal, yet sufficient, amount of math."
- Gene Kozin, Itron Inc.

"... great instructor. I now understand what the college
professors were trying to teach."

- Simon Sirin, U.S. Dept. of Energy

"This course takes the mystery out of DSP. Instructor has a knack for presenting information in a way that is very logical and easy to understand."
- Dale Laing, Lockheed Martin

"Lyons' is an excellent communicator of highly technical material. He uses plenty of real examples to translate theory to something of utility."
- David Day, Day Test and Measurement Inc.

To register for the class, please contact Besser Associates at 650-949-3300. For additional course offerings, call Besser Associates or visit http://www.bessercourse.com/ to view our public course catalog and current schedule.

183. New Honolulu radiofax schedule effective 06/20/06

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-14 18:06:20 UTC
From: Timothy Rulon <timothy.rulon@noaa.gov>
Message-ID: <e6pmdt$1h2$1@news.nems.noaa.gov>
Source record: 936
Cross-posted to: rec.boats.cruising,rec.boats.electronics,rec.radio.shortwave,rec.radio.amateur.digital.misc

Mariners,

Effective June 20, 2006 at 2242 UTC the Honolulu radiofax broadcast schedule will be significantly modified to accommodate new 24, 48 and 72 hour wind/wave and surface charts and other enhancements, as well as the addition of existing charts produced by the Ocean Prediction Center and Tropical Prediction Center. The new broadcast schedule will be broadcast on-air beginning June 06, 2006. On June 20, 2006 the broadcast time of the on-air broadcast schedule will be shifted from 1045 and 2018 UTC to 0100 and 1300 UTC. See the following link for details:

http://weather.noaa.gov/pub/fax/hfhi.txt

please also visit:
"National Weather Service Marine Forecasts"
http://www.nws.noaa.gov/om/marine/home.htm

184. Re: MFJ-1278B question - PTT of power off

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-21 02:11:31 UTC
From: Mark S <mark@caiman.us>
Message-ID: <MPG.1f024ab3e15249e2989680@news.prodigy.net>
Source record: 937

In article <qvidneCuI7Xe4B3ZnZ2dnUVZ_vadnZ2d@adelphia.com>,
VHFNUT@whoknows.net says...
> I have an MFJ-1278B interface that works fine but when the power is removed
> from it, it keys the transmitters PTT line. I'm using it with a Kenwood 2000
> which I don't think matters what radio it would be used with since it is
> going to ground on removal of power. I don't have a manual for it since I
> bought it off Ebay but it did come with the standard 1278 (not B) manual
> which appears to be a good bit different. Anyone have any idea what might be
> going on??
>
> Tnx and 73,
> Ken, WS4V
> See QRZ.com for email address if replying directly.
>
>
>
>

Hi Ken

I can't help you with your problem, but I can send you the schematic for
the 1278B.
Just send an email to me at...
markrolandsmith@sbcglobal.net
I'll then scan it in and email it to you.

73s

Mark

185. Re: MFJ-1278B question - PTT of power off

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-22 00:42:39 UTC
From: John Siegel <JohnASiegel@worldnet.att.net>
Message-ID: <4499E77C.202@worldnet.att.net>
Source record: 938

Mark S wrote:
> In article <qvidneCuI7Xe4B3ZnZ2dnUVZ_vadnZ2d@adelphia.com>,
> VHFNUT@whoknows.net says...
>
>>I have an MFJ-1278B interface that works fine but when the power is removed
>>from it, it keys the transmitters PTT line. I'm using it with a Kenwood 2000
>>which I don't think matters what radio it would be used with since it is
>>going to ground on removal of power. I don't have a manual for it since I
>>bought it off Ebay but it did come with the standard 1278 (not B) manual
>>which appears to be a good bit different. Anyone have any idea what might be
>>going on??
>>
>>Tnx and 73,
>>Ken, WS4V
>>See QRZ.com for email address if replying directly.
>>
>>
>>
>>
>
>
> Hi Ken
>
> I can't help you with your problem, but I can send you the schematic for
> the 1278B.
> Just send an email to me at...
> markrolandsmith@sbcglobal.net
> I'll then scan it in and email it to you.
>
> 73s
>
> Mark

MFJ has many of their manuals on line in pdf for free downloading.

186. How to get the English Picture perfect and driver??

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-06-30 03:34:00 UTC
From: Alison Liu <alisonliu@cox.net>
Message-ID: <bY0pg.93709$IZ2.49959@dukeread07>
Source record: 939

Hi,

I bought a Nikon S5 camera in Asia, unfortunately the CD came with only
Japanese driver and Picture Perfect software.
How can I manage to find the right driver and software in English? The
American website will not allow me to download the software from its server
because it is considered "grey market" merchandise.

Thanks first for your sharing the info.

187. looking for help with icom725 internal power supply

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-02 05:29:27 UTC
From: hamguy1 <hamguy1@optusnet.com.au>
Message-ID: <44a759b4$0$22358$afc38c87@news.optusnet.com.au>
Source record: 940
Cross-posted to: alt.ham-radio.mods,alt.ham-radio.packet,alt.ham-radio.vhf-uhf,free.uk.amateur-radio,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

hi ham radiogroups, im after the internal power control or alc inside of a icom725 hf transceiver the radio is doing way to much power for the power supply, it currently is doing 150 watts it needs to be turned back down to around 100 watts .thanks in advance david from nsw australia .

188. Re: looking for help with icom725 internal power supply

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-02 11:19:50 UTC
From: Highland Ham <abcgm0csz.kn6whxyz@dsl.pipex.com>
Message-ID: <edydnYuj5aBVNjrZRVnysw@pipex.net>
Source record: 941
Cross-posted to: alt.ham-radio.mods,alt.ham-radio.packet,alt.ham-radio.vhf-uhf,free.uk.amateur-radio,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

hamguy1 wrote:
> hi ham radiogroups, im after the internal power control or alc inside of a
> icom725 hf transceiver the radio is doing way to much power for the power
> supply, it currently is doing 150 watts it needs to be turned back down to
> around 100 watts .thanks in advance david from nsw australia .
==========
If the current RF power output itself is not a problem ,but the max
current which can be supplied by the power supply unit (presumably
13.8V) I would suggest to put a sealed (car) battery in parallel.

The quoted 150W RF power is highly likely PEP ,so when operating SSB the
average current consumption is possibly half the peak current or less
even with some speech compression .
The battery will happily supply some of the current during peak demand.

Since the battery is permanently 'on the charger ' being in parallel
with the power supply unit , you don't need a deep cycle battery ; a
cheap and cheerful 40 -60Ah sealed car battery will do the job well.
It is essential to put a 25-30 A fuse in series with the battery .

Note : I recommend anybody to use a (sealed) battery and a low power PSU
to feed a transceiver requiring (13.5 -13.8 V-DC) external power.
During rx periods the PSU output could be (automatically) disconnected .
Receiving on battery power alone is often beneficial eg less noise and
mains borne interference. Although the low impedance of the battery
will cause it to 'kill' most external mains borne interference already.

A local ham uses a FT857 with a 110Ah sealed battery, without a mains
fed PSU . When not operating the battery is connected to an automatic
car battery charger ,which is only disconnected during operation.

Frank GM0CSZ / KN6WH

189. Re: looking for help with icom725 internal power supply

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-02 15:30:57 UTC
From: gwatts <gwatts@frontiernet.net>
Message-ID: <RERpg.4749$Oh1.2961@news01.roc.ny>
Source record: 942
Cross-posted to: alt.ham-radio.mods,alt.ham-radio.packet,alt.ham-radio.vhf-uhf,free.uk.amateur-radio,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

hamguy1 wrote:
> hi ham radiogroups, im after the internal power control or alc inside of a
> icom725 hf transceiver the radio is doing way to much power for the power
> supply, it currently is doing 150 watts it needs to be turned back down to
> around 100 watts .thanks in advance david from nsw australia .
>
>
Go to
http://www.icom.co.jp/world/support/index.htm

click on 'Manuals,' agree to the license, scroll down to 'Amateur,'
download the manual for the IC-725, look at page 31 (34 in the Acrobat
window).

I think you may be interested in 'R210' for the 100W power adjust.

Watch the current, 73!
W8LNA

190. WinAPRS Users

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-03 10:46:01 UTC
From: "J. D. B." <duffyb01@nospamfuse.net>
Message-ID: <ad272$44a8f4ee$d06640f9$5336@FUSE.NET>
Source record: 943

A group has been formed on Yahoo Groups for WinAPRS users. It's been there for a few months, but I guess very few users know about it. The Sprouls have been invited and Mark is now taking part in the group. If you are interested in WinAPRS or using it now, then come and join the group.

http://groups.yahoo.com/group/winaprs/

191. pactor decoding

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-06 09:39:28 UTC
From: fxckingtwiztid@gmail.com
Message-ID: <1152178768.549604.289710@s26g2000cwa.googlegroups.com>
Source record: 944

hey just started utility monitoring, and managed to decode pactor II,
basically all i got was a list of what seemed to be logon ID's

any one have any idea why? or how pactor actually works?

cheers

192. Can a Type II radio repeater, repeat off of another Repeater?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-06 21:35:31 UTC
From: alexromero@gmail.com
Message-ID: <1152221731.406716.275770@p79g2000cwp.googlegroups.com>
Source record: 945

Can a Type II radio repeater, repeat off of another Repeater?

193. looking for 2 metre mobile radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-07 07:06:41 UTC
From: hamguy1 <hamguy1@optusnet.com.au>
Message-ID: <44ae07f7$1$21440$afc38c87@news.optusnet.com.au>
Source record: 946
Cross-posted to: alt.ham-radio.marketplace,alt.ham-radio.mods,alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

hi there newgroups, i live in australia im looking for either a yaesu kenwood icom or similar 2 metre for my mobile with dtmf mic preferably if anyone in the usa etc has 1 i would pay shipping to australia .thanks in advance david nsw australia .

194. Re: Can a Type II radio repeater, repeat off of another Repeater?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-07 17:10:48 UTC
From: You <You@shadow.orgs>
Message-ID: <You-7E1758.09120907072006@netnews.worldnet.att.net>
Source record: 947

In article <1152221731.406716.275770@p79g2000cwp.googlegroups.com>,
alexromero@gmail.com wrote:

> Can a Type II radio repeater, repeat off of another Repeater?
>

Define "Type II" Repeater.......

195. Re: looking for 2 metre mobile radio

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-09 05:27:55 UTC
From: "Mike, who else?" <Mike@nowhere.net>
Message-ID: <vt0sg.138629$IK3.21348@pd7tw1no>
Source record: 948
Cross-posted to: alt.ham-radio.marketplace,alt.ham-radio.mods,alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

On Fri, 07 Jul 2006 17:06:41 +1000, hamguy1 wrote:

> hi there newgroups, i live in australia im looking for either a yaesu
> kenwood icom or similar 2 metre for my mobile with dtmf mic preferably if
> anyone in the usa etc has 1 i would pay shipping to australia .thanks in
> advance david nsw australia .

www.ebay.com

196. Sept 9+10 - ARRL MDC Section Convention

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-11 01:29:49 UTC
From: VOA SWLer <Reply_Here@bogus.com>
Message-ID: <g4idnZLvte-XYi_ZnZ2dnUVZ_tCdnZ2d@comcast.com>
Source record: 949

Click on:
<http://www.farfest.org/> for info.

197. Low cost SMD Oven for making SMD samples and Prototypes

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-13 02:41:57 UTC
From: erica <erica@auto-system.com>
Message-ID: <1152758517.918911.81890@35g2000cwc.googlegroups.com>
Source record: 950
Cross-posted to: alt.comp.hardware.homebuilt,rec.radio.amateur.digital.misc

This SMD Oven Controller (SMDOC-01) is designed to use with a toaster oven. It provide a low cost solution for making SMD prototypes and samples. The temperature profile is similar to the expensive industrial SMD oven provided. So, the sample quality is as good as the industrial oven can do. It is capable for packages including 0402, BGA, QFP, SOP, SSOP, TSSOP, SOT, etc. It is an indispensable tool for R&D and making samples. It is very suitable for electronic companies, laboratories, universities and hobbyists. SMD Oven Controller (SMDOC-01) is only US$206, including oven (PCB size is large up to 19 x 17cm) is US$283. Voltage 220V, 8A fused.

Features:
1.Small, low price, performance comparable to expensive industrial SMD oven.
2.Capable for any SMD packages. An indispensable tool for R&D, sample making and small batch production.
3.No hand soldering. No painful. No difficult. Save time.
4.Connectable to PC via RS232 for profile setup and temperature monitor. It can also operate independently without PC.
5.Simple to use. LEDs indication for each stage of pre-heat, soak, reflow and cooling. Alarm and power cut off after finished.

Product information : http://www.auto-system.com
Please send me email : erica@auto-system.com for any inquiry or order.

198. Newbie Questions

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-13 03:12:19 UTC
From: Dan <dan_hoffard@hailmail.net>
Message-ID: <1152760339.866619.73450@s13g2000cwa.googlegroups.com>
Source record: 801

Hello,

I have been using APRS for years to track my vehicles, but I would really like to see more of what can be done on packet.

I have a setup that basically consists of a 2 meter HT/sound card/computer combo. I have been using programs like UISS and am able to see APRS traffic, and have verified that my packets are being digipeated via APRS by looking on findu.com.

For my next step, I would like to connect to a BBS, but I have spent hours online looking for local BBS's in the Dallas/Fort Worth area with no success. What is the best way to find BBS's?

I would also like to get into long distance chatting with users by making use of multiple digipeaters. How can this be accomplished? What do I set my "To" and "Via" fields to?

Any information would be great!

Thanks,
Dan
KE5BCC

199. Re: Newbie Questions

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-13 06:11:00 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <lo4ho3-pt4.ln1@p400bob.personal.cox.net>
Source record: 802

Hi Dan

I dont know the physical location and frequencies of packet digis/nodes in the DFW area. This will be your first step to establishing how possible it is.

The "old" method of using a simple digipeat was to suffix your connect command with the digis in sequence. eg

C K5YYY v K5DIF1 K5DIG2 K5DIG3

I am sure you can also send in "UI" unproto mode (non connect) but I dont remember the syntax.

There are however a few different node systems available nowadays that allow you to use a single destination command that remember how to get there. These might be NETROM, ROSE, THENET and one or two others. You may have to go through a number of iterations like connect to a node, then connect to another "location" then to the end (human) device.

I guess however you already know this and simply need to know what devices are available! I have used the node in Tyler once or twice but that is probably out of your range. I dont as a rule keep packet running at my QTH anymore. My interest tends to be soundcard digtial modes on SSB (2M is also good for that)

I suggest you lookup club webpages for more details. If you draw a blank get back to me and I'll have a search myself.

Cheers Bob W5/VK2YQA East Texas

Dan wrote:
...
> I would also like to get into long distance chatting with users by
> making use of multiple digipeaters. How can this be accomplished?
> What do I set my "To" and "Via" fields to?
>
> Any information would be great!

200. Re: Newbie Questions

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-15 09:00:41 UTC
From: F8BOE <f8boe-8@bluemail.ch>
Message-ID: <44b8aeb9$0$31794$626a54ce@news.free.fr>
Source record: 803

Hello,

Interconnecting APRS with the packet net? Hmmm, really bad idea...

73 de F8BOE Olivier ...-.-

Dan wrote:

> Hello,
>
> I have been using APRS for years to track my vehicles, but I would
> really like to see more of what can be done on packet.
>
> I have a setup that basically consists of a 2 meter HT/sound
> card/computer combo. I have been using programs like UISS and am able
> to see APRS traffic, and have verified that my packets are being
> digipeated via APRS by looking on findu.com.
>
> For my next step, I would like to connect to a BBS, but I have spent
> hours online looking for local BBS's in the Dallas/Fort Worth area with
> no success. What is the best way to find BBS's?
>
> I would also like to get into long distance chatting with users by
> making use of multiple digipeaters. How can this be accomplished?
> What do I set my "To" and "Via" fields to?
>
> Any information would be great!
>
> Thanks,
> Dan
> KE5BCC

201. Re: YAESU FT-817 FT-857 FT-897 KEYPAD

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-16 13:34:54 UTC
From: Dexxsterlab <dexxster@email.com>
Message-ID: <44ba407e$0$30141$4fafbaef@reader4.news.tin.it>
Source record: 804
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

A keypad for your Yaesu FT-8x7 transceiver

http://www.dexxsterlab.com/kp8x7/kp8x7e.pdf

http://www.qsl.net/it9xxs

202. Re: Can a Type II radio repeater, repeat off of another Repeater?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-23 17:53:30 UTC
From: KS4VT <KS4VT.2bf33u@news.radiobanter.com>
Message-ID: <KS4VT.2bf33u@news.radiobanter.com>
Source record: 805

alexromero@gmail.com Wrote:
> Can a Type II radio repeater, repeat off of another Repeater?

I'm assuming you mean a Motorola Type II repeater like you would find
in a commercial and/or public safety radio system?

If so that answer is no if you mean a direct connection to another
conventional repeater. The connection would have to occur at the
trunking controller audio switch or at the console central electronics
bank (CEB) with the installation of a Base Interface Module (BIM).

--
KS4VT

203. Test

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-23 22:37:45 UTC
From: Caveat Lector <Nobody@nowhere.com>
Message-ID: <ZSSwg.1190$_M.271@fed1read04>
Source record: 806

```
Setting up new computer - just testing
```

204. ARRL Maryland State Convention this Saturday, July 29, in Hagerstown, MD

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-27 23:57:40 UTC
From: VOA SWLer <Reply_Here@bogus.com>
Message-ID: <CfidnTNfq6B-z1TZnZ2dnUVZ_qednZ2d@comcast.com>
Source record: 807

ARRL Maryland State Convention this Saturday, July 29, in Hagerstown, MD.

For info, click on:
<http://www.w3cwc.org/MDC2006.htm>

205. Batavia, NY hamfest

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-28 00:49:16 UTC
From: O-Dawg <dawg@dawg.com>
Message-ID: <1qlic2lj1uvqlra78rm8c7ro930enfdu77@4ax.com>
Source record: 808

29 Jul 2006 Batavia Hamfest 2006 sponsored by the Genesee Radio Amateurs in Alexander, NY, at the Alexander Firemens Grounds, 10708 Route 98. http://www.geocities.com/gram_radio_club/page7.html

Talk-In: 147.285 +, Contact: Rob McLean, KC2MHH, Email: kc2mhh@verizon.net

206. What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 06:59:37 UTC
From: Ian Wade <g3nrw@yahoo.co.uk>
Message-ID: <e7sosvBwhFzEFwD5@ntlworld.com>
Source record: 809
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

I am looking into the possibility of buying a kit to assemble, but have
come across this statement in the warranty Ts and Cs:

~~~~~~
The use of acid-core solder, water-soluble flux solder, or any corrosive
or conductive flux or solvent will void this warranty in its entirety.
~~~~~~

My current reel of no-name solder is several years old, and I have no
idea whether it complies or not (but I suspect not).

What kind of solder should one use these days?

--
73
Ian, G3NRW

g3nrw@yahoo.co.uk

207. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 08:31:49 UTC
From: The Radio Amateur Formerly Known As G4KFK <mike@g4kfk.co.uk>
Message-ID: <1154248309.078278.68630@s13g2000cwa.googlegroups.com>
Source record: 810
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

Ian Wade wrote:
> What kind of solder should one use these days?

Find out whether the components are RoHS compliant.
If they aren't, your old solder will do.
If they are, you'll need lead-free solder.

73
Mike G4KFK

208. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 08:32:20 UTC
From: Trevor Day <Trev@secornwall.removethis.com>
Message-ID: <+j5V0YCE6GzEFwWq@secornwall.com>
Source record: 811
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

In message <e7sosvBwhFzEFwD5@ntlworld.com>, Ian Wade <g3nrw@yahoo.co.uk>
writes
>I am looking into the possibility of buying a kit to assemble, but have
>come across this statement in the warranty Ts and Cs:
>
>~~~~~~
>The use of acid-core solder, water-soluble flux solder, or any
>corrosive or conductive flux or solvent will void this warranty in its
>entirety.
>~~~~~~
>
>My current reel of no-name solder is several years old, and I have no
>idea whether it complies or not (but I suspect not).
>
>What kind of solder should one use these days?
>
Hi Ian,
It may or may not help, but this is a subject that comes up regularly on
the Elecraft reflector. So much so they have a separate section on the
web site. See if this helps:
http://www.elecraft.com/solder_sources.htm
Trev G3ZYY
--
Trevor Day
UKSMG #217
www.uksmg.org

209. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 08:35:39 UTC
From: Trevor Day <Trev@secornwall.removethis.com>
Message-ID: <vTlR4HD38GzEFwXE@secornwall.com>
Source record: 812
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

In message <1154248309.078278.68630@s13g2000cwa.googlegroups.com>, The
Radio Amateur Formerly Known As G4KFK <mike@g4kfk.co.uk> writes
>
>Ian Wade wrote:
>> What kind of solder should one use these days?
>
>Find out whether the components are RoHS compliant.
>If they aren't, your old solder will do.
>If they are, you'll need lead-free solder.
>
>73
>Mike G4KFK
>
Seems you need to ignore my link Ian if thats the case.
Sri

Trev
--
Trevor Day
UKSMG #217
www.uksmg.org

210. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 09:04:44 UTC
From: The Radio Amateur Formerly Known As G4KFK <mike@g4kfk.co.uk>
Message-ID: <1154250284.199926.260870@s13g2000cwa.googlegroups.com>
Source record: 813
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

Trevor Day wrote:
> Seems you need to ignore my link Ian if thats the case.

Or, if the kit came from the USA, he could ignore what I said :-)

The Murraycans aren't in the EEC (or whatever it's called this week),
so I don't s'pose they're too worried about complying with RoHS.

73
Mike G4KFK

211. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 13:43:37 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <blpup3-mvk.ln1@p400bob.personal.cox.net>
Source record: 814
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

Hi Ian

I suspect they are talking about plumbers soldering methods that use such fluxes etc. Rosin core or the more current electronic fluxes will be fine, which is probably what you roll is.

There is also the move to lead free. These joints always look real bad!

Cheers Bob VK2YQA (who works in a production RF/SMD environment..)

Ian Wade wrote:
> What kind of solder should one use these days?
>

212. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 17:55:50 UTC
From: "G8ASO <(.�.)> � T" <70trees@goodbuddy.com>
Message-ID: <jMmdnXKdy9E3b1HZnZ2dnUVZ8qOdnZ2d@pipex.net>
Source record: 815
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

Lead free solder is impossible as solder is an alloy of lead and tin.
Anything else would not be solder!

"The Radio Amateur Formerly Known As G4KFK" <mike@g4kfk.co.uk> wrote in
message news:1154248309.078278.68630@s13g2000cwa.googlegroups.com...
>
> Ian Wade wrote:
>> What kind of solder should one use these days?
>
> Find out whether the components are RoHS compliant.
> If they aren't, your old solder will do.
> If they are, you'll need lead-free solder.
>
> 73
> Mike G4KFK
>

213. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 18:31:46 UTC
From: Prometheus <Prometheus@127.0.0.1>
Message-ID: <OhX5O2BSsPzEFwBb@newbrain.demon.co.uk>
Source record: 816
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

In article <jMmdnXKdy9E3b1HZnZ2dnUVZ8qOdnZ2d@pipex.net>, "G8ASO <(.ï¿½.)>
ï¿½ T" <70trees@goodbuddy.com> writes
>
>"The Radio Amateur Formerly Known As G4KFK" <mike@g4kfk.co.uk> wrote in
>message news:1154248309.078278.68630@s13g2000cwa.googlegroups.com...
>>
>> Ian Wade wrote:
>>> What kind of solder should one use these days?
>>
>> Find out whether the components are RoHS compliant.
>> If they aren't, your old solder will do.
>> If they are, you'll need lead-free solder.
>>
>Lead free solder is impossible as solder is an alloy of lead and tin.
>Anything else would not be solder!

Wrong again, see:

<http://www.askoxford.com/concise_oed/solder?view=uk>
<http://www.chemicool.com/definition/solder.html>
--
Ian G8ILZ

214. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 19:08:56 UTC
From: huLLy <villageidiot@sheepandmeths.co.uk>
Message-ID: <6tKdnStXefRXnlDZRVnygg@giganews.com>
Source record: 817
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

```
Prometheus wrote:
>>>
>> Lead free solder is impossible as solder is an alloy of lead and tin.
>> Anything else would not be solder!
>
> Wrong again, see:
>
> <http://www.askoxford.com/concise_oed/solder?view=uk>
> <http://www.chemicool.com/definition/solder.html>

And you will probably need to replace your soldering iron too.
--
huLLy
Tel: 07976 123278
villageidiot(at)sheepandmeths.co.uk
ICQ 136-987-925
```

215. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 20:45:18 UTC
From: Prometheus <Prometheus@127.0.0.1>
Message-ID: <W+UP5CEepRzEFwDw@newbrain.demon.co.uk>
Source record: 818
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

In article <6tKdnStXefRXnlDZRVnygg@giganews.com>, huLLy
<villageidiot@sheepandmeths.co.uk> writes
>Prometheus wrote:
>>>>
>>> Lead free solder is impossible as solder is an alloy of lead and tin.
>>> Anything else would not be solder!
>>
>> Wrong again, see:
>>
>> <http://www.askoxford.com/concise_oed/solder?view=uk>
>> <http://www.chemicool.com/definition/solder.html>
>
>And you will probably need to replace your soldering iron too.

Unless it's a decent TCP in which case you might only need more mass
rather than a higher temperature.

One important note; do not mix solder types.
--
Ian G8ILZ

216. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 20:51:35 UTC
From: The Radio Amateur Formerly Known As G4KFK <mike@g4kfk.co.uk>
Message-ID: <1154292695.094094.3630@m79g2000cwm.googlegroups.com>
Source record: 819
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

G8ASO <(.¿.)> © T wrote:
> Lead free solder is impossible as solder is an alloy of lead and tin.
> Anything else would not be solder!

OED "Solder. n. Fusible alloy used to join less fusible metals or
wires."

217. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 21:38:46 UTC
From: Dave <davenpat@btopenworld.com>
Message-ID: <DeGdncxO2r95u1DZRVnysA@bt.com>
Source record: 820
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

Ian Wade wrote:

> I am looking into the possibility of buying a kit to assemble, but have
> come across this statement in the warranty Ts and Cs:
>
> ~~~~~~
> The use of acid-core solder, water-soluble flux solder, or any corrosive
> or conductive flux or solvent will void this warranty in its entirety.
> ~~~~~~
>
> My current reel of no-name solder is several years old, and I have no
> idea whether it complies or not (but I suspect not).
>
> What kind of solder should one use these days?

While lead free solder is the norm now...

The use of solder with lead is still permitted for...

Private use.
Repair of circuit boards that have leaded solder on them

and a few other situations that I can't recall.

Lead based solder looks likely to be on the market for some time to come.

Dave

218. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-30 22:37:54 UTC
From: Steve <no-one@here.now>
Message-ID: <pan.2006.07.30.22.37.53.79000@here.now>
Source record: 821
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

On Sun, 30 Jul 2006 01:31:49 -0700, The Radio Amateur Formerly Known As G4KFK wrote:

>
> Ian Wade wrote:
>> What kind of solder should one use these days?
>
> Find out whether the components are RoHS compliant.
> If they aren't, your old solder will do.
> If they are, you'll need lead-free solder.

I thought it was the other way round - leaded solder is ok with all component types but lead free solder shouldn't be used with components where the leads have lead in the plating. All the manufacturers I've checked with say leaded solder is ok with RoHS compliant parts.

Steve

219. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-31 06:45:07 UTC
From: The Radio Amateur Formerly Known As G4KFK <mike@g4kfk.co.uk>
Message-ID: <1154328307.166460.260670@i42g2000cwa.googlegroups.com>
Source record: 822
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

Steve wrote:
> I thought it was the other way round - leaded solder is ok with all
> component types but lead free solder shouldn't be used with components
> where the leads have lead in the plating. All the manufacturers I've
> checked with say leaded solder is ok with RoHS compliant parts.

>From a compliance point of view, you can't mix either type, either way around. If you use leaded solder to assemble (or repair) an RoHS compliant device, it won't be RoHS compliant.

220. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-31 08:59:04 UTC
From: MAB <me@here>
Message-ID: <44cdc654$0$635$5a6aecb4@news.aaisp.net.uk>
Source record: 823
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

"The Radio Amateur Formerly Known As G4KFK" <mike@g4kfk.co.uk> wrote in
message news:1154248309.078278.68630@s13g2000cwa.googlegroups.com...
>
> Ian Wade wrote:
>> What kind of solder should one use these days?
>
> Find out whether the components are RoHS compliant.
> If they aren't, your old solder will do.
> If they are, you'll need lead-free solder.
>
> 73
> Mike G4KFK
>

I don't think there is any practical reason why you cannot use traditional
lead based solder on RoHS components, is there? Its just another barmy EU
regulation to make our lives difficult. There may be aguements the other way
round - lead free solder requires a significantly higher temperature and
components which are not specified to work with it could be damaged during
assembly - I guess...

Martin (G8FXC)

221. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-31 09:16:42 UTC
From: The Magnum <magnum@mag2781.freeserve.co.uk>
Message-ID: <44cdcad3$0$2964$834e42db@reader.greatnowhere.com>
Source record: 824
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

"MAB" <me@here> wrote in message
news:44cdc654$0$635$5a6aecb4@news.aaisp.net.uk...
>
> "The Radio Amateur Formerly Known As G4KFK" <mike@g4kfk.co.uk> wrote in
> message news:1154248309.078278.68630@s13g2000cwa.googlegroups.com...
> >
> > Ian Wade wrote:
> >> What kind of solder should one use these days?
> >
> > Find out whether the components are RoHS compliant.
> > If they aren't, your old solder will do.
> > If they are, you'll need lead-free solder.
> >
> > 73
> > Mike G4KFK
> >
>
> I don't think there is any practical reason why you cannot use traditional
> lead based solder on RoHS components, is there? Its just another barmy EU
> regulation to make our lives difficult. There may be augments the other
way
> round - lead free solder requires a significantly higher temperature and
> components which are not specified to work with it could be damaged during
> assembly - I guess...
>
> Martin (G8FXC)

It's all down to interfering busybodies who demand that anything considered harmless must be curtailed. Fumes from leaded solder especially in a confined area can be considered highly toxic and if 'sniffed in' in large amounts can send you loopy at best and kill you at worst. Therefore RoSH was dreamt up by someone with far too much time on their hands to try to make everyone's life safer.

Makes you wonder why they don't concern themselves with the biggest killer of all time.. smoking.. well, the answer to that is simple... MONEY.

73'
Graham
(Living in a molly-coddled world. British Bulldog in the playground?...oooh noo far too dangerous, the kids may bump into each other.. shock horror)
--
-.-. -... / .-. .- -.. .. ---

Radio is only a Hobby. Don't let it rule your life...

73/51 - Graham, 26-Golf Charlie-19 (www.open-channel.co.uk)

222. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-31 09:20:21 UTC
From: know code <know_code@wanadoo.nl>
Message-ID: <44cdcb6d$0$28156$dbd49001@news.wanadoo.nl>
Source record: 825
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

The Magnum wrote:

> Fumes from leaded solder especially in a
> confined area can be considered highly toxic and if 'sniffed in' in large
> amounts can send you loopy at best and kill you at worst.

I didn't know Beanie done a lot of construction? And, considering we
haven't heard from him in a while.... hmm?

223. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-31 10:08:17 UTC
From: The Radio Amateur Formerly Known As G4KFK <mike@g4kfk.co.uk>
Message-ID: <1154340497.472816.198000@p79g2000cwp.googlegroups.com>
Source record: 826
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

MAB wrote:
> I don't think there is any practical reason why you cannot use traditional
> lead based solder on RoHS components, is there?

Of course - from a practical viewpoint, it will work fine.

>From a compliance viewpoint though, you end up with a product labelled
to the effect that it does not contain lead (or other harmful
substances), that does in fact contain lead.

224. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-31 10:43:41 UTC
From: The Radio Amateur Formerly Known As G4KFK <mike@g4kfk.co.uk>
Message-ID: <1154342621.057977.98710@i3g2000cwc.googlegroups.com>
Source record: 827
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

The Magnum wrote:
> It's all down to interfering busybodies who demand that anything considered
> harmless must be curtailed. Fumes from leaded solder especially in a
> confined area can be considered highly toxic and if 'sniffed in' in large
> amounts can send you loopy at best and kill you at worst.

Shirley the fumes are from the flux, not the solder?

RoHS is to address heavy metals in post-consumer waste re-entering the
environment via landfill sites.

225. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-31 11:39:12 UTC
From: Steve <no-one@home.now>
Message-ID: <pan.2006.07.31.11.39.11.958531@home.now>
Source record: 828
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

On Sun, 30 Jul 2006 23:45:07 -0700, The Radio Amateur Formerly Known As G4KFK wrote:

>
> Steve wrote:
>> I thought it was the other way round - leaded solder is ok with all
>> component types but lead free solder shouldn't be used with components
>> where the leads have lead in the plating. All the manufacturers I've
>> checked with say leaded solder is ok with RoHS compliant parts.
>
>>From a compliance point of view, you can't mix either type, either way
> around. If you use leaded solder to assemble (or repair) an RoHS
> compliant device, it won't be RoHS compliant.

Yes - I meant my comment only about the metallurgy of the joint. As I understand it, private individuals aren't expected to abide by RoHS and it won't be applied to personal (as opposed to business) sales.

Steve

226. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-31 12:34:50 UTC
From: Roger <r-stierman@ti.com>
Message-ID: <eaktdf$ck4$1@home.itg.ti.com>
Source record: 829
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

Wel,, it depends on which Pb-Free alloy is chosen. There is no
industry-agreed standard composition.

In general there are two competing systems:

Tin-Silver (Sn-Ag) and Tin-Bismith (Sn-Bi).

If Sn-Ag is used, then mixing standard Lead-Tin (Pb-Sn)with it is OK.
If Sn-Bi is used, however, there is a low-melting ternary Pb-Sn-Bi compound
that can cause you problems. Not all electronic component manufacturers
have decided against Sn-Bi (it costs less than Sn-Ag).

So the key is determining you have Sn-Ag solder on your Pb-Free component
(or in some cases, no solder on the component).

Roger

"Steve" <no-one@home.now> wrote in message
news:pan.2006.07.31.11.39.11.958531@home.now...
> On Sun, 30 Jul 2006 23:45:07 -0700, The Radio Amateur Formerly Known As
> G4KFK wrote:
>
>>
>> Steve wrote:
>>> I thought it was the other way round - leaded solder is ok with all
>>> component types but lead free solder shouldn't be used with components
>>> where the leads have lead in the plating. All the manufacturers I've
>>> checked with say leaded solder is ok with RoHS compliant parts.
>>
>>>From a compliance point of view, you can't mix either type, either way
>> around. If you use leaded solder to assemble (or repair) an RoHS
>> compliant device, it won't be RoHS compliant.
>
> Yes - I meant my comment only about the metallurgy of the joint. As I
> understand it, private individuals aren't expected to abide by RoHS and it
> won't be applied to personal (as opposed to business) sales.
>
> Steve
>

227. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-31 16:55:27 UTC
From: The Magnum <magnum@mag2781.freeserve.co.uk>
Message-ID: <44ce365d$0$2960$834e42db@reader.greatnowhere.com>
Source record: 830
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

"The Radio Amateur Formerly Known As G4KFK" <mike@g4kfk.co.uk> wrote in
message news:1154342621.057977.98710@i3g2000cwc.googlegroups.com...
>
> The Magnum wrote:
> > It's all down to interfering busybodies who demand that anything
considered
> > harmless must be curtailed. Fumes from leaded solder especially in a
> > confined area can be considered highly toxic and if 'sniffed in' in
large
> > amounts can send you loopy at best and kill you at worst.
>
> Shirley the fumes are from the flux, not the solder?

Yes there are fumes from the flux, obviously. The lead content in the fumes
from molten solder is still toxic. It is another of the reasons (apart from
cost) that you won't find lead pipe in new houses or lead based paint.

> RoHS is to address heavy metals in post-consumer waste re-entering the
> environment via landfill sites.

Yes it is. But I thought the waste side of the proposal was covered by the
WEEE regulations and the RoSH covered the fact it is a Hazardous material to
use .. period.(Please excuse the crass Americanism ;o)

73'
Graham
--
-.-. -... / .-. .- -.. .. ---

Radio is only a Hobby. Don't let it rule your life...

73/51 - Graham, 26-Golf Charlie-19 (www.open-channel.co.uk)

228. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-31 17:29:35 UTC
From: Steve <no-one@home.now>
Message-ID: <pan.2006.07.31.17.29.35.716215@home.now>
Source record: 831
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

On Mon, 31 Jul 2006 07:34:50 -0500, Roger wrote:

> Wel,, it depends on which Pb-Free alloy is chosen. There is no
> industry-agreed standard composition.
>
> In general there are two competing systems:
>
> Tin-Silver (Sn-Ag) and Tin-Bismith (Sn-Bi).
>
> If Sn-Ag is used, then mixing standard Lead-Tin (Pb-Sn)with it is OK.
> If Sn-Bi is used, however, there is a low-melting ternary Pb-Sn-Bi compound
> that can cause you problems. Not all electronic component manufacturers
> have decided against Sn-Bi (it costs less than Sn-Ag).
>
> So the key is determining you have Sn-Ag solder on your Pb-Free component
> (or in some cases, no solder on the component).

Thanks for that - I haven't encountered anything with Bismuth yet. Plain tin plating seems most common amongst what I handle.

Steve

229. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-07-31 21:51:58 UTC
From: Steve <no-one@here.now>
Message-ID: <pan.2006.07.31.21.51.57.158000@here.now>
Source record: 832
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

On Mon, 31 Jul 2006 03:43:41 -0700, The Radio Amateur Formerly Known As
G4KFK wrote:

>
> The Magnum wrote:
>> It's all down to interfering busybodies who demand that anything considered
>> harmless must be curtailed. Fumes from leaded solder especially in a
>> confined area can be considered highly toxic and if 'sniffed in' in large
>> amounts can send you loopy at best and kill you at worst.
>
> Shirley the fumes are from the flux, not the solder?
>
> RoHS is to address heavy metals in post-consumer waste re-entering the
> environment via landfill sites.

Which makes it very frustrating that the net aimed at mobile phones
and MP3 players turned into a sieve to encompass low volume long life
items in fixed installations and even church organs....

Steve

230. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-01 12:29:51 UTC
From: litle ole me <"nobody \\@ nowhere.com">
Message-ID: <3PHzg.306$NX2.2@newsreading01.news.tds.net>
Source record: 833
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

The Magnum wrote:
> "The Radio Amateur Formerly Known As G4KFK" <mike@g4kfk.co.uk> wrote in
> message news:1154342621.057977.98710@i3g2000cwc.googlegroups.com...
>> The Magnum wrote:
>>> It's all down to interfering busybodies who demand that anything
> considered
>>> harmless must be curtailed. Fumes from leaded solder especially in a
>>> confined area can be considered highly toxic and if 'sniffed in' in
> large
>>> amounts can send you loopy at best and kill you at worst.
>> Shirley the fumes are from the flux, not the solder?
>
> Yes there are fumes from the flux, obviously. The lead content in the fumes
> from molten solder is still toxic. It is another of the reasons (apart from
> cost) that you won't find lead pipe in new houses or lead based paint.
>

except that there is NO LEAD CONTENT IN THE FLUX FUMES.
Lead does not vaporize until much higher temperature than soldering
temperatures...

>> RoHS is to address heavy metals in post-consumer waste re-entering the
>> environment via landfill sites.
>
> Yes it is. But I thought the waste side of the proposal was covered by the
> WEEE regulations and the RoSH covered the fact it is a Hazardous material to
> use .. period.(Please excuse the crass Americanism ;o)
>
> 73'
> Graham

231. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-02 17:54:24 UTC
From: DieSea <DieSea.NoSpamPlease@ntlworldd.ccom>
Message-ID: <44d0e6cf$0$30318$fa0fcedb@news.zen.co.uk>
Source record: 835
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

>
> Now are you seriously trying to tell me there are NO traces of lead in the
> flux fumes? Are you certain about that?
>

I think you should ask Nick about that

From what I hear he just looks at solder and it runs

No doubt because of the heat

DieSea

232. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-02 17:55:03 UTC
From: The Magnum <magnum@mag2781.freeserve.co.uk>
Message-ID: <44d0e74a$0$29244$834e42db@reader.greatnowhere.com>
Source record: 834
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

"litle ole me" <""nobody \"@ nowhere.com"> wrote in message
news:3PHzg.306$NX2.2@newsreading01.news.tds.net...
>
> except that there is NO LEAD CONTENT IN THE FLUX FUMES.
> Lead does not vaporize until much higher temperature than soldering
> temperatures...

Now are you seriously trying to tell me there are NO traces of lead in the
flux fumes? Are you certain about that?

73'
Graham
--
-.-. -... / .-. .- -.. .. ---

Radio is only a Hobby. Don't let it rule your life...

73/51 - Graham, 26-Golf Charlie-19 (www.open-channel.co.uk)

233. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-02 18:07:19 UTC
From: The Magnum <magnum@mag2781.freeserve.co.uk>
Message-ID: <44d0ea2a$0$29239$834e42db@reader.greatnowhere.com>
Source record: 836
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

"DieSea" <DieSea.NoSpamPlease@ntlworldd.ccom> wrote in message
news:44d0e6cf$0$30318$fa0fcedb@news.zen.co.uk...
>
>
> >
> > Now are you seriously trying to tell me there are NO traces of lead in
the
> > flux fumes? Are you certain about that?
> >
>
> I think you should ask Nick about that
>
> From what I hear he just looks at solder and it runs
>
> No doubt because of the heat
>
> DieSea
>

LOL.

In all seriousness though there must be an element of lead in the fumes no matter what the supposed vaporisation level of the solder is. As in much the same way as harmful levels of lead were found in water running through lead pipes. These pipes weren't at vaporisation temperature to pass small amounts into the water running through it. Likewise the flux core in the lead solder would 'surely' have a concentration of lead in it no matter how insignificant an amount it might be.

73'
Graham
--
-.-. -... / .-. .- -.. .. ---

Radio is only a Hobby. Don't let it rule your life...

73/51 - Graham, 26-Golf Charlie-19 (www.open-channel.co.uk)

234. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-03 02:30:56 UTC
From: litle ole me <"nobody \\@ nowhere.com">
Message-ID: <AddAg.361$NX2.70@newsreading01.news.tds.net>
Source record: 837
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

The Magnum wrote:
> "DieSea" <DieSea.NoSpamPlease@ntlworldd.ccom> wrote in message
> news:44d0e6cf$0$30318$fa0fcedb@news.zen.co.uk...
>>
>>> Now are you seriously trying to tell me there are NO traces of lead in
> the
>>> flux fumes? Are you certain about that?
>>>
>> I think you should ask Nick about that
>>
>> From what I hear he just looks at solder and it runs
>>
>> No doubt because of the heat
>>
>> DieSea
>>
>
> LOL.
>
> In all seriousness though there must be an element of lead in the fumes no
> matter what the supposed vaporisation level of the solder is. As in much the
> same way as harmful levels of lead were found in water running through lead
> pipes. These pipes weren't at vaporisation temperature to pass small amounts
> into the water running through it. Likewise the flux core in the lead solder
> would 'surely' have a concentration of lead in it no matter how
> insignificant an amount it might be.
>
> 73'
> Graham

yes, that would be called leaching, and lead does not leach into the
air. it would also be due to water 'erosion' of the solder. it IS
rather soft..

yes, I am serious. no lead in the solder fumes.

if there was lead in the solder fumes, then most every ham end
electronic tinkerer would have serious health problems. (hey, wait a
minute... ;-> just kidding. no lead in solder fumes.)

235. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-03 07:10:18 UTC
From: DieSea <DieSea.NoSpamPlease@ntlworldd.ccom>
Message-ID: <44d1a151$0$26596$da0feed9@news.zen.co.uk>
Source record: 838
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

>>
>> In all seriousness though there must be an element of lead in the fumes no
>> matter what the supposed vaporisation level of the solder is. As in much the
>> same way as harmful levels of lead were found in water running through lead
>> pipes. These pipes weren't at vaporisation temperature to pass small amounts
>> into the water running through it. Likewise the flux core in the lead solder
>> would 'surely' have a concentration of lead in it no matter how
>> insignificant an amount it might be.
>>
>> 73'
>> Graham
>
> yes, that would be called leaching, and lead does not leach into the air. it
> would also be due to water 'erosion' of the solder. it IS rather soft..
>
> yes, I am serious. no lead in the solder fumes.
>
> if there was lead in the solder fumes, then most every ham end electronic
> tinkerer would have serious health problems.

Ahhhhhhh

That explains it

And

Confirms the ramblings of MattD

Where is he by the way

Someone hasn't filled is boots with lead and heaved him overboard I hope

Unlike Nick he will be missed

DieSea

236. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-03 11:09:59 UTC
From: The Radio Amateur Formerly Known As G4KFK <mike@g4kfk.co.uk>
Message-ID: <1154603399.483543.236560@i42g2000cwa.googlegroups.com>
Source record: 839
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

DieSea wrote:
> Someone hasn't filled is boots with lead and heaved him overboard I hope

Sorry, but that's no longer possible. RoHS came into force on July 1st.
They would have to have filled his boots with non-toxic lead
substitute.

As for heaving somebody overboard, please remember that Dihydrogen
Monoxide restrictions will come into force as of September 1st. Please
see http://www.dhmo.org/ for more details.

237. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-03 12:36:34 UTC
From: Catweazel <francis.fuller@iee.org>
Message-ID: <1154608594.866299.27770@h48g2000cwc.googlegroups.com>
Source record: 840
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

The Radio Amateur Formerly Known As G4KFK wrote:
(snip)

> As for heaving somebody overboard, please remember that Dihydrogen
> Monoxide restrictions will come into force as of September 1st. Please
> see http://www.dhmo.org/ for more details.

Good news for the soap-dodgers, then. 8-)

238. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-03 12:46:35 UTC
From: Catweazel <francis.fuller@iee.org>
Message-ID: <1154609195.244462.282870@m73g2000cwd.googlegroups.com>
Source record: 841
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

Steve wrote:

(snip)

> Which makes it very frustrating that the net aimed at mobile phones
> and MP3 players turned into a sieve to encompass low volume long life
> items in fixed installations and even church organs....
>
that's much the normative behaviour of our interpretive legislators -
take a simple EU directive, bloat it out of all proportion, then when
there's a complaint, it can be pinned on those nasty EU beaurocrats.
In the meantime they'll get knighthoods for being so diligent - much
easier than polishing the handle on the big front door..

Ah, it's medication time. Nurse!!!

239. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-03 18:35:25 UTC
From: Prometheus <Prometheus@127.0.0.1>
Message-ID: <f4PtIcKtHk0EFwq1@newbrain.demon.co.uk>
Source record: 842
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

In article <3PHzg.306$NX2.2@newsreading01.news.tds.net>, litle ole me writes
>
>except that there is NO LEAD CONTENT IN THE FLUX FUMES.
>Lead does not vaporize until much higher temperature than soldering
>temperatures...

There will be lead in the fumes; molecules regularly detach themselves and float off into the air from liquids (and can also do so for some solids under certain conditions) at well below the vaporization temperature, perhaps you have not noticed that water at room temperature will evaporate, remember: molten is a liquid. This is why mercury spills are such a problem, and why several years ago laboratories (schools etc.) had to incur expense having floors lifted and mercury removed by special vacuum cleaners, and using mercury vapour detectors to variety 'safe' levels. A few weeks ago I had to clean a spill caused by a broken thermometer from a cupboard.
--
Ian G8ILZ

240. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-04 01:33:18 UTC
From: litle ole me <"nobody \\@ nowhere.com">
Message-ID: <ytxAg.385$NX2.64@newsreading01.news.tds.net>
Source record: 843
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

Prometheus wrote:
> In article <3PHzg.306$NX2.2@newsreading01.news.tds.net>, litle ole me
> writes
>>
>> except that there is NO LEAD CONTENT IN THE FLUX FUMES.
>> Lead does not vaporize until much higher temperature than soldering
>> temperatures...
>
> There will be lead in the fumes; molecules regularly detach themselves
> and float off into the air from liquids (and can also do so for some
> solids under certain conditions) at well below the vaporization
> temperature, perhaps you have not noticed that water at room temperature
> will evaporate, remember: molten is a liquid. This is why mercury spills
> are such a problem, and why several years ago laboratories (schools
> etc.) had to incur expense having floors lifted and mercury removed by
> special vacuum cleaners, and using mercury vapour detectors to variety
> 'safe' levels. A few weeks ago I had to clean a spill caused by a broken
> thermometer from a cupboard.
so, what protection should we use when soldering? how much lead would
have been ingested?

Having worked in a production and engineering environment for many
years, I would think that were there any risk of lead in solder fumes,
there would be HUGE guidelines from the EPA. but, there are none. we had
fans and filters to control the flux fumes, which were quite pungent.)

in your logic above, chemicals that are far fro similar are being
equated and their properties simplified. water and mercury are liquid at
room temp.
mercury, like lead does not evaporate at soldering temperatures.

(for ref: vapor pressure of water at 100C is 760 MM, or > 100X the
below. try putting 37 C or even 200C in the math below, and I think the
answer will be that the vap press is minute and unmeasurable.)

_____
http://prola.aps.org/abstract/PR/v26/i6/p851_1
Vapor pressure of lead, 1118ï¿½ to 1235ï¿½C was found to vary from 5.70 mm
to 19.70 mm in good agreement with the equation
log10p(mm)=-10372/T-log10T-11.35, which also fits the best results of
Egerton at lower temperatures. The heat of vaporization of lead at its
melting point is calculated to be 46,300 cal. The chemical constant
comes out -1.40 which is close to the value -1.59 computed from the
quantum theory of monatomic gases.

----

no one I know solders at 1118 degrees c or higher?

water has a vapor pressure FAR lower than lead. please realize that the vapor pressure of lead and the vapor pressure of water are NOT close in value.

by the above logic, my desk is evaporating. I know ice can evaporate. how do can the the number of formica molecules floating out of the kitchen counter be calculated or measured?

here is a bit from wikipedia.

Vapor pressure is the pressure of a vapor in equilibrium with its non-vapor phases. Most often the term is used to describe a liquid's tendency to evaporate. It is the tendency of molecules and atoms to escape from a liquid or a solid. At any given temperature, for a particular substance, there is a pressure at which the vapor of that substance is in equilibrium with its liquid or solid forms. This is the equilibrium vapor pressure or saturation vapor pressure of that substance at that temperature. The term vapor pressure is often understood to mean the saturation vapor pressure. A substance with a high vapor pressure at normal temperatures is often referred to as volatile. The higher the vapor pressure of a material at a given temperature, the lower the boiling point.

the end.

241. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-04 07:26:07 UTC
From: Jim GM4DHJ <jim.gm4dhj@ntlworld.com>
Message-ID: <jECAg.46$iZ1.8@newsfe1-win.ntli.net>
Source record: 844
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

what about resin lung then ? ....

242. Re: What's the story on solder these days?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-04 12:46:07 UTC
From: Roger <r-stierman@ti.com>
Message-ID: <eavfip$36$1@home.itg.ti.com>
Source record: 845
Cross-posted to: uk.radio.amateur,rec.radio.amateur.digital.misc

There may not have been any EPA guidelines in the past ... but there are now. I see them every day, all solder stations in our plant haves mandated exhaust facilities - even labs. Particulates are more of a concern rather than vapors.

Roger

"litle ole me" <""nobody \"@ nowhere.com"> wrote in message news:ytxAg.385$NX2.64@newsreading01.news.tds.net...
> Prometheus wrote:
>> In article <3PHzg.306$NX2.2@newsreading01.news.tds.net>, litle ole me
>> writes
>>>
>>> except that there is NO LEAD CONTENT IN THE FLUX FUMES.
>>> Lead does not vaporize until much higher temperature than soldering
>>> temperatures...
>>
>> There will be lead in the fumes; molecules regularly detach themselves
>> and float off into the air from liquids (and can also do so for some
>> solids under certain conditions) at well below the vaporization
>> temperature, perhaps you have not noticed that water at room temperature
>> will evaporate, remember: molten is a liquid. This is why mercury spills
>> are such a problem, and why several years ago laboratories (schools etc.)
>> had to incur expense having floors lifted and mercury removed by special
>> vacuum cleaners, and using mercury vapour detectors to variety 'safe'
>> levels. A few weeks ago I had to clean a spill caused by a broken
>> thermometer from a cupboard.
> so, what protection should we use when soldering? how much lead would
> have been ingested?
>
> Having worked in a production and engineering environment for many years,
> I would think that were there any risk of lead in solder fumes, there
> would be HUGE guidelines from the EPA. but, there are none. we had fans
> and filters to control the flux fumes, which were quite pungent.)
>
> in your logic above, chemicals that are far fro similar are being equated
> and their properties simplified. water and mercury are liquid at room
> temp.
> mercury, like lead does not evaporate at soldering temperatures.
>
> (for ref: vapor pressure of water at 100C is 760 MM, or > 100X the below.
> try putting 37 C or even 200C in the math below, and I think the answer
> will be that the vap press is minute and unmeasurable.)

>
> _____
> http://prola.aps.org/abstract/PR/v26/i6/p851_1
> Vapor pressure of lead, 1118° to 1235°C was found to vary from 5.70 mm to
> 19.70 mm in good agreement with the equation
> log10p(mm)=-10372/T-log10T-11.35, which also fits the best results of
> Egerton at lower temperatures. The heat of vaporization of lead at its
> melting point is calculated to be 46,300 cal. The chemical constant comes
> out -1.40 which is close to the value -1.59 computed from the quantum
> theory of monatomic gases.
> ____
>
> no one I know solders at 1118 degrees c or higher?
>
> water has a vapor pressure FAR lower than lead. please realize that the
> vapor pressure of lead and the vapor pressure of water are NOT close in
> value.
>
>
> by the above logic, my desk is evaporating. I know ice can evaporate.
> how do can the the number of formica molecules floating out of the kitchen
> counter be calculated or measured?
>
> here is a bit from wikipedia.
>
> Vapor pressure is the pressure of a vapor in equilibrium with its
> non-vapor phases. Most often the term is used to describe a liquid's
> tendency to evaporate. It is the tendency of molecules and atoms to escape
> from a liquid or a solid. At any given temperature, for a particular
> substance, there is a pressure at which the vapor of that substance is in
> equilibrium with its liquid or solid forms. This is the equilibrium vapor
> pressure or saturation vapor pressure of that substance at that
> temperature. The term vapor pressure is often understood to mean the
> saturation vapor pressure. A substance with a high vapor pressure at
> normal temperatures is often referred to as volatile. The higher the vapor
> pressure of a material at a given temperature, the lower the boiling
> point.
>
>
>
> the end.

243. Can someone please help me with this ???

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-05 03:02:33 UTC
From: internetprofiteering@gmail.com
Message-ID: <1154746953.598838.44440@b28g2000cwb.googlegroups.com>
Source record: 846

It appears from this picture (vintage 1950s/1960s)...

Click on this link to see the picture:
http://careo.elearning.ubc.ca/wiki?ShortPromo2

...that Tim Berners-Lee, the guy who invented the World Wide Web, was
or is still an Amateur Radio Operator. Does anyone know what his call
is or was?

Please reply to: internetprofiteering@gmail.com

Thanks,

Bill
http://InternetProfiteering.com

244. Frequency discriminator algorithms?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-05 13:26:47 UTC
From: 5b4az@qsl.net
Message-ID: <1154784407.838742.219720@i3g2000cwc.googlegroups.com>
Source record: 847

Hi all,

I had been searching the 'net for simple digital frequency discriminator algorithms (fm detection, eg for SSTV etc) but have not really found any suitable info. In the mean time though, I figured out what I think is a simple solution to this problem and tried it, using my computer's sound system to digitize a sinewave signal from my FT847 rig (tuned to a MW BC station in CW mode and using the narrowest filters).

The results were mixed, with an accuracy of about 1% in many readings but with a small portion of them having large errors > 50%. The errors seemed to be spaced at 1/4 of an audio cycle and near peaks and zero's. But before I speculate on possible causes, I would like to take the liberty to describe this algorithm so that experienced DSP boffins might first judge the viability and/or correctnes of it.

In a stream of digitized samples of a sine wave, the value s of a sample is given by s = V * sin(F) where V is the peak amplitude and F the phase of the sine wave at the moment the sample was taken. If we take three consecutive samples, s0, s1, s2, we can form the following set of simultaneous equations (by expanding sin(F+dF) & sin(F-dF)).

1. s0 = V*sin(F-dF) = V*{sin(F)*cos(dF)-cos(F)*sin(dF)}
2. s1 = V*sin(F)
3. s2 = V*sin(F+df) = V*{sin(F)*cos(dF)+cos(F)*sin(dF)}

where dF is the phase difference between successive samples.

By adding 1. and 3. we have:

4. s0+s2 = V*2*sin(F)*cos(dF)

By substituting sin(F) from 2. we have:

5. s0+s2 = V*2*(s1/V)*cos(dF)

So finally solving 5. for dF we have:

6. dF = arc cos{(s0+s2)/(2*s1)}

The frequency f of the sampled signal can then be estimated by:

7. f = (df/2pi)*S or
f = S*arc cos{(s0+s2)/(2*s1)}/2pi (2pi=2*pi)

I tried this formula by feeding it with calculated samples and
it worked fine. In practice, the expected problems I had were
division by zero when s1 = 0 and failure of the acos() C function
when (s0+s2)/2s1 > 1. But there were inaccuracies in he
results as I mentioned near the peaks and zeros since it seems
errors in sampling by the dsp distorted the relationship between
consecutive samples.

I am using Linux and an AC97 type on-board sound system and
I already know there are some bugs in the ALSA (the Linux
sound systems project) drivers. This is especially obvious when
sampling at a non-native DSP rate (other than 48 Khz / 16-bit
linear) where the sound driver has to resample the output.

I would be greatful for any input on the "legitimacy" of the
above derived formula and/or its weak points, so that I can furher
study the output of the DSP for possible errors (not very easy ;-)).

My apologies for a longish and/or possibly boring article!

73's de "Nick" 5B4AZ http://5b4az.mattsnetwork.co.uk/

245. Mega promos dans notre sex shop

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-06 11:53:42 UTC
From: Cathy@noosempty.net
Message-ID: <44d5d845$0$831$ba4acef3@news.orange.fr>
Source record: 848
Body handling: HTML body converted to readable text

[No readable article body recovered]

246. TELECHARGEZ DES VIDEOS X LIBREMENT

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-06 11:53:46 UTC
From: Cindy@amplend.com
Message-ID: <44d5d849$0$895$ba4acef3@news.orange.fr>
Source record: 849
Body handling: HTML body converted to readable text

[No readable article body recovered]

247. jeunes filles 18 ans perverses

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-06 11:53:46 UTC
From: priscilla@canaweb.ca
Message-ID: <44d5d849$0$827$ba4acef3@news.orange.fr>
Source record: 850
Body handling: HTML body converted to readable text

[No readable article body recovered]

248. icom 740 mars mod needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-10 01:48:00 UTC
From: hamguy1 <hamguy1@optusnet.com.au>
Message-ID: <44da9048$1$22363$afc38c87@news.optusnet.com.au>
Source record: 701
Cross-posted to:
alt.ham-radio.marketplace,alt.ham-radio.mods,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

hi can anyone out there give me the info on the mars mod or unlock for full transmit .anywhere thanks hamguy1 nsw australia .

249. Re: icom 740 mars mod needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-10 01:54:11 UTC
From: Joseph Fenn <jfenn@lava.net>
Message-ID: <Pine.BSI.4.61.0608091552200.10070@malasada.lava.net>
Source record: 702
Cross-posted to:
alt.ham-radio.marketplace,alt.ham-radio.mods,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

On Thu, 10 Aug 2006, hamguy1 wrote:

> hi can anyone out there give me the info on the mars mod or unlock for full
> transmit .anywhere thanks hamguy1 nsw australia .
>

Try going to QRZ.COMM or QRZ.mods. If your able to you will find
if that rig is covered under their "mods" listings
Joe/KH6JF

250. Re: icom 740 mars mod needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-15 00:06:46 UTC
From: "Gary P. Fiber" <gfiber@comcast.net>
Message-ID: <2v32e2dimfc1b0uta75s087edbsadntgo4@4ax.com>
Source record: 703

On Thu, 10 Aug 2006 11:48:00 +1000, "hamguy1"
<hamguy1@optusnet.com.au> wrote:

>hi can anyone out there give me the info on the mars mod or unlock for full
>transmit .anywhere thanks hamguy1 nsw australia .
>
Not possible, the 740 is ham band only will not transmit outside of
the ham bands. The mod was for enabling the WARC band transmit.

Gary K8IZ

251. Re: icom 740 mars mod needed

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-15 08:45:53 UTC
From: 2greedy <vk4fact@bigpond.com.au>
Message-ID: <5RfEg.12417$rP1.9440@news-server.bigpond.net.au>
Source record: 704
Cross-posted to:
alt.ham-radio.marketplace,alt.ham-radio.mods,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

```
m8 try www.mods.dk
"Joseph Fenn" <jfenn@lava.net> wrote in message
news:Pine.BSI.4.61.0608091552200.10070@malasada.lava.net...
> On Thu, 10 Aug 2006, hamguy1 wrote:
>
>> hi can anyone out there give me the info on the mars mod or unlock for
>> full
>> transmit .anywhere thanks hamguy1 nsw australia .
>>
>
> Try going to QRZ.COMM or QRZ.mods. If your able to you will find
> if that rig is covered under their "mods" listings
> Joe/KH6JF
>
```

252. Add money to your Paypal account with OPRAH 4w&Z

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-15 22:52:43 UTC
From: NSI <af.irani@afyhpami.com>
Message-ID: <EUyEg.57513$vj1.48766@bignews5.bellsouth.net>
Source record: 705

Read this message until the end, and you will find out how the money flows in easy !!!!.
Follow the steps and it WILL work. Trust me !!!!!.

It's NOT illegal and it is NOT a scam !!!!!.

PROVEN ON OPRAH! Reported in the Wall Street Journal!!!!

The only thing you need is : - E-MAIL ACCOUNT
- PREMIER (FREE) or BUSINESS PAYPAL ACCOUNT
- $6 on this account (The only investment)
- 30 minutes of your time

There is no limit on how much money you can recieve, and you haven't got anything to lose with this Business program. I will explain how it works !!!!!.

Follow these 4 easy steps and it WILL work !!!!!.

STEP 1 : SIGN UP FOR A FREE PAYPAL ACCOUNT !!!!!.

Paypal is a free and safe way to pay and receive money on the Internet.
Creating a account is as easy as creating a MSN account.
Copy and paste the next line in your Internet browser and sign up.
HTTP://WWW.PAYPAL.COM

Be sure to sign up for a FREE Premier or Business account and not for a Personal account. You cannot receive CREDITCARD payments with a Personal account and we can't have that. Do we !!!!!.

STEP 2 : SENT $6 TO YOUR PAYPAL ACCOUNT

This is your only investment to receive the money with ease.

With your Paypal account, send $1 to each e-mailadres listed below.
!!!!! IMPORTANT !!!!! Be sure to use this SUBJECT : *PLEASE PUT ME ON YOUR EMAIL LIST* when you send the money.

1) martine@pilote.net
2) dexxatol@netcourrier.com
3) armygirl8568@hotmail.com
4) comjii@starband.net
5) sinnek@bellsouth.net
6) nsi@nelasat.com

STEP 3 : PUT YOUR E-MAIL ADDRESS ON THE BOTTOM OF THE LIST

After you have send $1 to each e-mail address, put your e-mail address on the 6th place.
Remove e-mail address number 1, and move each e-mail address 1 step up the ladder.
!!!!! IMPORTANT !!!!! BE SURE THAT THE E-MAIL ADDRESS YOU USE IS THE SAME AS YOU USED TO SIGN UP AT PAYPAL.

Remember that this is LEGAL. You are creating a service : an e-mail servicelist.

STEP 4 : UPLOAD OR COPY THIS MESSAGE TO NEWSGROUPS, FORUMS ETC AND EMAIL IT TO ALL YOUR FRIENDS!

There are 32,000 newsgroups. Upload or copy this message to at least 200 newsgroups or forums etc, but ..... remember that the more your upload the more people will see your message and the MORE MONEY WILL FLOW IN.

How to upload to newsgroups and forums? :

After you have followed step 1,2,3 and 4, save this message (and copy so you can use it again).
Use your Internet browser and Outlook Express or another newsreader and try to find FORUMS, NEWSGROUPS,
BULLETIN BOARDS, DISCUSSION GROUPS, CHAT SITES and ONLINE COMMUNITIES. Use GOOGLE or use a NEWSERVER.
Use every option to post this message. Download PostXpert to send 1 message to more NEWSGROUPS at the
same time.

!!!!! REMEMBER !!!!! The more you post this message the more MONEY WILL FLOW IN.

Why does this Business program work so well !!!!!.

Lets asume that from the 200 (or more) messages that you have posted, only 5 people respond, you will have your
$6 back that you have invested. Those 5 people will each send at least 200 messages with your e-mailadres on
number 4. That's 6 x 6 x $1 = $36. The next 25 people will also send 200 messages with your adres on number 3. That's 36 x 6 x $1 = $216. The next 216 people also send 200 messages with your name on number 2. That's 216 x 6
x $1 = $1296!. Those 1296 people again also send 200 messages with your name on number 1. That will give us a total of 1296 x 6 x $1 = $7,776.

Now the last tier! 7776 x 6 x $1 = $46,656!!!!!!

This is only a EXAMPLE with 6 reactions. You WILL get MORE responses than that.

Remember that most newsservers will leave the posted messages on there servers for about 2 weeks. If you will post your message again, it WILL again start from the beginning. So you can repeat this over and over again.

Everyday MILLIONS of people are ONLINE and reading these messages, JUST LIKE YOU RIGHT NOW. I also was sceptical in the beginning and have read a lot of these messages. I also thought that it was bullshit.
Until I thought : What the hell!, only $6. What's $6 and a couple of minutes of my time to solve my money problems.

!!!!! REMEMBER !!!!! Follow every step, and IT WILL WORK, TRUST ME. !!!!!

!!!!! BEST WISHES AND GOOD LUCK !!!!!

w)O>+;)<9UVS;F>qaGL<Uq#v`V6(F]- rM;$g+!4IIQ*827?H4

253. ACC2-connector on Kenwood TS2000 for RTTY with MicroKEYER

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-19 11:05:04 UTC
From: Stefaan <stefaan.dehaemers@pandora.be>
Message-ID: <1155985504.753183.257080@b28g2000cwb.googlegroups.com>
Source record: 706

While trying to hook-up a MCP (a MicroKEYER from MicroHAM) to the TS2000, I discovered the MCP doesn't work while connected to the ACC2 connector on the radio.

I try to use the TS2000 with the MicroKEYER for RTTY-FSK.

My problem is this : on the pins 3&4 (= AF output + GND to connect to the MCP for digital operations) is NO (audio)signal ! ,(only about 100mV DC) , this for ALL modes (FSK,CW, LSB , USB , AM) EXCEPT for FM. In FM-mode there is on these pins a nice and proper audiosignal (!). (I assure you I measured the signal on these pins with a scope and listened with headphones.).

In the radio's MENU (n°50) I adjusted the audio level for max. (9). It doesn't make any difference. I read carefully the manual, and I think all the radio settings are correct.

This is very unclear for me , no audio for FSK/LSB where it is needed most, and nice audio in FM when this isn't needed.

The solution I use momentary is using the speaker output of the radio for RTTY operations. A disadvantage is that I have to use the radio's main AF control to adjust the signal level in stead of the radio's menu 50.

I really would like to use the ACC2-signal for RTTY-operations.

Is there something wrong with my radio, or do I something wrong ? I would appreciate it very much if you could help me.
These are my radio menu settings:

FSK shift 170Hz
(menu 38)
FSK polarity :INVERSE (menu
39) necessary with MicroKEYER
FSK tone 2125Hz
(menu 40)
TNC Main and SUBband AF output : 9 (menu 50CD)
External TNC :MAIN Band (menu
50E)

254. Viens me voir en reel

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-21 23:28:02 UTC
From: charlotte@belgacom.net
Message-ID: <44ea4181$0$830$ba4acef3@news.orange.fr>
Source record: 707
Body handling: HTML body converted to readable text

[No readable article body recovered]

255. jeunes filles de 18 ans perverses

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-21 23:28:03 UTC
From: priscilla@canaweb.ca
Message-ID: <44ea4182$0$844$ba4acef3@news.orange.fr>
Source record: 708
Body handling: HTML body converted to readable text

[No readable article body recovered]

256. Maxi manga porno

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-21 23:28:03 UTC
From: hentai@marweb.ca
Message-ID: <44ea4183$0$1008$ba4acef3@news.orange.fr>
Source record: 709
Body handling: HTML body converted to readable text

[No readable article body recovered]

257. HP 48gx and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-25 02:56:28 UTC
From: mike boersma <mike.boersma@gmail.com>
Message-ID: <1156474588.409281.263030@m79g2000cwm.googlegroups.com>
Source record: 710

I am interested in using my HP 48gx for a HT packet setup. Does anyone out there have any advice regarding hardware/software for doing this? I have the serial cable, so I think that I am good with the hardware, but would like any advice.

Thanks

Mike Boersma

258. looking for a ft747hf service manual on a free download or a emailed pdf copy

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-25 08:55:28 UTC
From: david <satob196@optusnet.com.au>
Message-ID: <44eebaff$0$17211$afc38c87@news.optusnet.com.au>
Source record: 711
Cross-posted to: alabama.birmingham.radio.amateur,alt.ham-radio.mods,alt.ham-radio.packet,alt.ham-radio.vhf-uhf,alt.radio.amateur.club.taparc,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.misc

hi guys, again, im after a service manual and alignment diagrams etc for a yaesuft747gx1 service manual .i also thankyou for the person that sent me the owners manual i now only need a service manual as well , thanks in advance david nsw australia .

259. Re: ACC2-connector on Kenwood TS2000 for RTTY with MicroKEYER

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-25 14:13:48 UTC
From: aRKay <REMOVEarkay@qsl.net>
Message-ID: <REMOVEarkay-392045.09134825082006@newsclstr02.news.prodigy.com>
Source record: 712

In article <1155985504.753183.257080@b28g2000cwb.googlegroups.com>,
"Stefaan" <stefaan.dehaemers@pandora.be> wrote:

> While trying to hook-up a MCP (a MicroKEYER from MicroHAM) to the
> TS2000, I discovered the MCP doesn't work while connected to the ACC2
> connector on the radio.
>

Thanks..... I will not waste my money on one for my TS-570

260. Re: looking for a ft747hf service manual on a free download or a emailed pdf copy

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-26 14:19:18 UTC
From: nobody@nowhere.com
Message-ID: <82m0f2lftg2irbp5v1lfa1nsa6lan50f5d@4ax.com>
Source record: 713
Cross-posted to: alabama.birmingham.radio.amateur,alt.ham-radio.mods,alt.ham-radio.packet,alt.ham-radio.vhf-uhf,alt.radio.amateur.club.taparc,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.misc

On Fri, 25 Aug 2006 18:55:28 +1000, "david" <satob196@optusnet.com.au>
wrote:

>ft747gx1

The best I can do is a schematic of the 747.

kg6mxz

261. WTB COBRA 148 GTL Philippines Made

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-29 07:57:16 UTC
From: "copdoc1@optonline.net" <copdoc1@optonline.net>
Message-ID: <1156838236.237291.63310@m79g2000cwm.googlegroups.com>
Source record: 714

I am looking to purchase 1 or 2 Cobra 148 GTL units that were made in
the Philippines.
If you have or know of someone that has please contact me at
copdoc1@optonline.net
Thank You
Peter

262. Re: HP 48gx and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-08-31 04:15:43 UTC
From: "Dr. Anton T. Squeegee" <SpammersBlow@dev.null>
Message-ID: <MPG.1f60024ac0ff447b989706@news.drizzle.com>
Source record: 715

In article <1156474588.409281.263030@m79g2000cwm.googlegroups.com>,
mike.boersma@gmail.com (known to some as mike boersma) scribed...

> I am interested in using my HP 48gx for a HT packet setup. Does anyone
> out there have any advice regarding hardware/software for doing this? I
> have the serial cable, so I think that I am good with the hardware, but
> would like any advice.

Maybe it's just me, but... Is there a specific reason anyone would
want to use a scientific calculator as a packet terminal?

Seems to me it'd be a lot easier just to use... a terminal! Or a PC
with appropriate software.

Just a thought.

Happy tweaking.

--
Dr. Anton T. Squeegee, Director, Dutch Surrealist Plumbing Institute
(Known to some as Bruce Lane, KC7GR)
http://www.bluefeathertech.com -- kyrrin a/t bluefeathertech d-o=t calm
"Salvadore Dali's computer has surreal ports..."

263. Re: HP 48gx and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-01 15:50:48 UTC
From: Doug McLaren <dougmc+usenet-20060901@frenzied.us>
Message-ID: <sFYJg.10618$dl.1691@tornado.texas.rr.com>
Source record: 716

In article <MPG.1f60024ac0ff447b989706@news.drizzle.com>,
Dr. Anton T. Squeegee <SpammersBlow@dev.null> wrote:

| Maybe it's just me, but... Is there a specific reason anyone would
| want to use a scientific calculator as a packet terminal?

Don't hams usually have an urge to tinker with things, use them in
ways they're not really meant to be used?

| Seems to me it'd be a lot easier just to use... a terminal! Or a PC
| with appropriate software.

Well, it does have a serial port, keyboard and screen, and it's very
small and uses very little power. It sounds like a great serial
console to me if done right ...

--
Doug McLaren, dougmc@frenzied.us
Only those who dare to fail greatly can ever achieve greatly.
--Robert F. Kennedy

264. les femmes mures chaudes du net

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-01 19:58:19 UTC
From: patricia@duweb.niz
Message-ID: <44f890da$1$27375$ba4acef3@news.orange.fr>
Source record: 717
Body handling: HTML body converted to readable text

Votre navigateur ne gere pas le frames !

This message was sent with NNTP Scribbler (www.e-advertize.com).

265. les femmes mures les plus chaudes du cul sont ici

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-01 20:22:08 UTC
From: patricia@duweb.niz
Message-ID: <44f8966f$0$25937$ba4acef3@news.orange.fr>
Source record: 718
Body handling: HTML body converted to readable text

[No readable article body recovered]

266. Re: HP 48gx and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-02 15:04:45 UTC
From: mike boersma <mike.boersma@gmail.com>
Message-ID: <1157209485.169063.174770@h48g2000cwc.googlegroups.com>
Source record: 719

Good points.

The HP 48 is small. Its portable. It has as much or more computing
power than some of the early computers used for packet. It has a 4 pin
to DS9 serial cable. It also has a 9600 modem built in. These are all
features suggestive of a terminal for packet, especially packet with a
HT.

OTOH, there may be good technical reasons for not trying this (size of
or lack of keyboard, lack of appropriate cable [it is difficult, but
possible, to use a HP48 with a telephone modem due to cable issues],
lack of appropriate software, or TNC incombatability).

Thus my question for this learned forum.

Mike
Dr. Anton T. Squeegee wrote:
> In article <1156474588.409281.263030@m79g2000cwm.googlegroups.com>,
> mike.boersma@gmail.com (known to some as mike boersma) scribed...
>
> > I am interested in using my HP 48gx for a HT packet setup. Does anyone
> > out there have any advice regarding hardware/software for doing this? I
> > have the serial cable, so I think that I am good with the hardware, but
> > would like any advice.
>
> Maybe it's just me, but... Is there a specific reason anyone would
> want to use a scientific calculator as a packet terminal?
>
> Seems to me it'd be a lot easier just to use... a terminal! Or a PC
> with appropriate software.
>
> Just a thought.
>
> Happy tweaking.
>
>
> --
> Dr. Anton T. Squeegee, Director, Dutch Surrealist Plumbing Institute
> (Known to some as Bruce Lane, KC7GR)
> http://www.bluefeathertech.com -- kyrrin a/t bluefeathertech d-o=t calm
> "Salvadore Dali's computer has surreal ports..."

267. Re: HP 48gx and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-03 07:56:03 UTC
From: "Dr. Anton T. Squeegee" <SpammersBlow@dev.null>
Message-ID: <MPG.1f642a6fb88ea384989707@news.drizzle.com>
Source record: 720

In article <sFYJg.10618$dl.1691@tornado.texas.rr.com>, dougmc+usenet-20060901@frenzied.us (known to some as Doug McLaren) scribed...

> In article <MPG.1f60024ac0ff447b989706@news.drizzle.com>,
> Dr. Anton T. Squeegee <SpammersBlow@dev.null> wrote:
>
> | Maybe it's just me, but... Is there a specific reason anyone would
> | want to use a scientific calculator as a packet terminal?
>
> Don't hams usually have an urge to tinker with things, use them in
> ways they're not really meant to be used?

Of course we do. ;-) I'm not saying 'Don't do it,' I'm just saying it didn't make much sense to me. A calculator, in my eyes, is just that: A handy tool for doing math. That's all I want it to be, that's all I ever need it to be.

> | Seems to me it'd be a lot easier just to use... a terminal! Or a PC
> | with appropriate software.
>
> Well, it does have a serial port, keyboard and screen, and it's very
> small and uses very little power. It sounds like a great serial
> console to me if done right ...

Perhaps, but typing on the thing would be a bloody nightmare from the get-go.

Keep the peace(es).

>
>

--
Dr. Anton T. Squeegee, Director, Dutch Surrealist Plumbing Institute
(Known to some as Bruce Lane, KC7GR)
http://www.bluefeathertech.com -- kyrrin a/t bluefeathertech d-o=t calm
"Salvadore Dali's computer has surreal ports..."

268. Packet BBS?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-04 11:43:55 UTC
From: Gary <danahers@comcast.net>
Message-ID: <b4SdnfW3avHljGHZnZ2dnUVZ_vGdnZ2d@comcast.com>
Source record: 721

A new amateur has asked me about packet radio bbs's and I have no idea how to respond. He is interested in knowing about the bbs system and I'm thinking he is about 10 years too late. He is located in North Texas in the DFW area. Anyone know of any bbs systems available in that region?

269. Bio-TERROR in America: The Government of Torture!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-08 16:39:09 UTC
From: poetry4justice@yahoo.com
Message-ID: <1157733549.443459.46460@m73g2000cwd.googlegroups.com>
Source record: 722

AMERICA IN DANGER of its own out-of-control Bio-Terror:
Is 1984 here? Or cripping... God help us,
blinded!
Originally Secret Bio-Aerosols are misused to HARM and Torture in
U.S.A.

Our government needs TORTURE in U.S.? See details
below...
It has your VOTE, support? Abused...

CRITICS (political/social/cultural) are harassed and secretly
persecuted
along with their KIDS in schools/colleges, especially, during
tests/exams
(Think: Guantanamo "stress-positions" in the context of
1984-technologies)

Bio-Aerosols and aerosolized chemicals are used to cause:
- severe colds/coughs turning into bronchitis, eye irritation
- bacterial pneumonia/other pneumonia, shortness of breath
- surges of severe headaches, migraines, dizziness, etc.
- fainting collapses by symptoms-mimicking aerosols
- severe stomach pains (sharp, burning, nausea, etc)
- chest-wall pains, heart-muscle inflammations/trauma, etc.
WORSE:
- heart attacks under cover of second-hand smocking
- car crashes/accidents by Vertigo-causing aerosols
- liver/organ failure by small-dose toxins (trace-less?)
- cancer-causing/facilitating - months-long assasinations
This "Yushchenko syndrom" CAN destabilize NATIONs
Waste, Fraud, Cronism and Abuse in HomeSec/FBI
Fabrication of Believable Info/Manufacturing of accidents

U.S. mail IS polluted in "anthrax-like" manner to HARM critics
Libraries, airplanes, hotels, offices, buses, trains - all polluted!

A network of Secret Gas-Aerosol Rooms operated in US
(in Philadelphia, Narberth, Lower Merion, PA)
(in Wilmington and Newark, DE)
(in Hampton, Williamsburg and Richmond, VA)
AND ELSEWHERE.... details below...
Bio-aerosols used to hurt and simulate panic attacks, etc.!
Soviets locked critics into nut-houses, now WE do the same!
Symptoms-mimicking aerosols do HARM, weak or ill people.

Say "Stop, I care" - call Senate (202) 224-3121
House of Representatives (202) 225-3121
What IS going on in America? *Print and
Post*
Manufacturing of FEAR to grab more Power and Money, of course.

Big Brother spins protection...
And fear is used to clamp.
Democracy needs action!
On which side do you stand?

Looked at this?!! Go to Google/Yahoo newsGroups:

TORTURE IN USA: Secret Aerosol Rooms

US Scientist needs legal help dealing with the secret aerosols rooms
(SARs) operated illegally in Philadelphia area, Newark (DE), Hampton
and Williamsburg (VA) and other places. Highly volatile aerosols with
and without bacterial content cause dry cough, airways a...

Full text was at:
http://buyit.philly.com/findit/search/results.jsp?catId=krd_philenqda...

This was a new on-line ad placed in Philadelphia Inquirer and
Philadelphia Daily News on www.philly.com (see full text below)
It was about the secret aerosols rooms in US. One could find it by
searching "secret", say, in the ad section of philly.com.

Democracy can not function effectively without the informed public. As
a former NASA Langley scientist working in the area of nanotechnology
and nanoscale particles, I have been recently exposed to the
establishment of secret gas-aerosol rooms inside of United States, at
least in the Mid-Atlantic region (from Philadelphia to Virginia).
First, the highly irritant aerosols have surfaced at the NASA Langley
Research Center in several safety accidents. Investigations were
blocked, probably, because of lack of Congressional approval for such
financially-lucrative research at NASA. Later, these aerosols had been
encountered outside of NASA in Virginia, Delaware and Pennsylvania
.
This points out to yet another proliferation of originally-sensitive
technologies into domestic American life to hurt and harass people
without a proper oversight and much control. This amounts to torture,
extra-judicial prosecution and authoritarian intimidation tactics. The
use of such irritants and the operations of the secret gas-aerosol
rooms are gross violations of human and constitutional rights of
American citizens and various domestic and international laws.

----------Full text of an ad from Philadelphia's
philly.com----------
TORTURE IN USA: Secret Aerosol Rooms
US Scientist needs legal help dealing with the secret aerosols rooms
(SARs) operated illegally in Philadelphia area, Newark (DE), Hampton
and Williamsburg (VA). Highly volatile aerosols with and without

bacterial content cause dry cough, airways and eyes irritation, chest pain and inflammation. FBI and Homeland Security associates are likely operators of SARs, while collaborators may be hotel staff and landlords, who get financial/material or other incentives. US citizens and kids are victims.

Torture is any act by which severe pain, whether physical or psychological, is intentionally inflicted on a person as a means of intimidation, deterrence, revenge, punishment, sadism, or information gathering. At times, medicine and medical practitioners have been drawn into the ranks of torturers, either to judge what victims can endure, to apply treatments which will enhance torture, or as torturers in their own right. http://en.wikipedia.org/wiki/Torture

America in Danger!

America in danger -
The vice is NOT impeached.
America in danger -
The public trust is breached.

Big Brother spins protection
And fear is used to clamp.
Democracy needs action!
On which side do you stand?

Which side are you on, boys?
Which side moves you on?
Which side are you on, girls?
Which side did you wrong?
(Chorus after F. Reece)

Your church is burned by haters.
The priests to go to jail?
Your dreams are cheyned by traitors,
But hope still shines through veil.

Dust rooms came back to gas us
With neo-Naz (or Con) embrace...
New immigrants do make US!
And not the SSuper-race...

***

The Government of Torture

Our government needs TORTURE?!
It has your VOTE, and, now, support?
But peace (not vice) needs steady nurture
And trustful words of calm rapport.

Beware of loud, but FALSE, ideas
That flame a thirsty hellish torch.

Protect the old and true ideals
And Constitution's civic urge.

Yes, torture IS a hellish torch -
In bloody hands, a blinded sword,
With Constitution used to forge
All laws on rights as mere absurd!

Remember victim's silent cry
And SEE the Christ in all of us.
Don't let your government to spy
And torture with some bio-dust.

There is NO good use for evil torture!
No matter how the need is spinned
By Nixon's men, as bloody sergeants,
While truth is painfully re-skinned.

V. Haryk-Bukovynsky © VMH

270. TARA PSK31 Rumble Contest

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-11 16:18:21 UTC
From: "R. Scott" <spamtrap@w7psk.net>
Message-ID: <J5FryI.4tK@news.boeing.com>
Source record: 723

I know its not time yet, but close enough to start thinking about your plans.

The TARA Rumble is the "PREMIER" contest for PSK31. Also its time to get your teams ready for the TEAM CHALLENGE. Can you beat the WORLD TEAM this year. They have held the trophy enough, time to knock em off.

Its fun and meet lots of nice folks on the air for a fun challenge.

The Fall Classic - 7th Oct. 2006

BE THERE

and be ready to RUMBLE!!!!!!

Rumble rules can be found at

http://www.n2ty.org/seasons/tara_rumble_rules.html

Scotty W7PSK
Tara Rumble Manager

271. PSK Contest

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-11 20:28:17 UTC
From: litoi <litoi.2dzohx@news.radiobanter.com>
Message-ID: <litoi.2dzohx@news.radiobanter.com>
Source record: 724

DATE AND TIME
Starting time is at 00:00 UTC, and ending time is at 24:00 UTC on
Sunday 19th November, 2006.

OBJECTIVE

The European PSK Club has the honour to invite the radio amateurs all
over the world to participate in the EPC PSK63 QSO Party. The objective
of the competition is to establish as many contacts as possible between
radio amateurs around the world by using the BPSK63 mode. Everybody can
work everybody for QSO and multiplier credit.

BANDS AND FREQUENCIES

Participants are allowed to work on 160 meters (1838...1840 KHz), 80
meters (3582...3584 KHz), 40 meters (7037...7039 KHz), 20 meters
(14072...14074 KHz), 15 meters (21082...21084 KHz) and 10 meters
(28082...28084 KHz).

TYPE OF COMPETITION

Transmitters and receivers must be located within a 500 meter diameter
circle or within the property limits of the station licensee's address,
whichever is greater. All antennas used by the entrant must be
physically connected by wires to the transmitters and receivers used by
the entrant. Only the entrant's call sign can be used to aid the
entrant's score. All entrants are allowed to use packet and web
clusters. There are no separate entrant categories in the competition;
all participants work as SOAB (Single Operator - All Bands). All
stations at which one performs do all of the operating, logging, and
spotting functions. Only one signal is allowed at any one time. The
operator may change bands at any time. The output power shall not
exceed 100 watts.

EXCHANGE

EPC members should send signal report plus EPC membership number
(example 599 EPC001). Please make sure that you don't separate EPC
from the Number, and you don't use any characters between. Please
make sure that your EPC number consists of 3 digits. Other stations
should send signal report plus QSO number, starting 001 (example 599
001).

POINTS

Contacts with EPC members are worth 5 points; contacts with other
stations are worth 1 point. The same stations may be contacted again on

other bands.

MULTIPLIER

A multiplier of one is for each different EPC number contacted on each band.

SCORING

The final score is the result of the total QSO points multiplied by the sum of EPC numbers contacted on each band.
CERTIFICATES AND PLAQUES

First, second and third place certificates will be awarded in the World and every continent. First place certificates will be awarded in every participating DXCC country. The EPC PSK63 World Plaque will be awarded for the first place in the World. All scores will be published on the EPC website. All certificates and plaques will be issued to the licensee of the station used. All certificates will be issued in a PDF format and sent via email to the winner. Winners may purchase special plaques through the EPC General Manager; plaques will be awarded in the following geographical areas: Europe, Asia, North America, South America, Africa, Oceania, United Kingdom, Scandinavia, Russia, USA, Canada and Japan. If you are interested in sponsoring a special trophy for the EPC PSK63 QSO Party, please contact us.

LOG INSTRUCTIONS

All times must be in UTC. All sent and received exchanges are to be logged. We accept logs in the Cabrillo format ONLY. Name your Cabrillo file as your callsign (for example mm0dgr.cbr), and email it to . Be sure to put the station callsign in the Subject line of the message. Electronic submission implies a signed declaration that all competition rules and regulations for amateur radio in the country of operation have been observed. All entries must be emailed no later than 30 days after the competition.

DISQUALIFICATION

Violation of amateur radio regulations in the country of the participant, or the rules of the competition; unsportsmanlike conduct; taking credit for excessive unverifiable contacts or unverifiable multipliers will be deemed sufficient cause for disqualification. Incorrectly logged calls or numbers will be counted as unverifiable contacts for culprit only. The use by an entrant of any non-amateur means such as telephones, telegrams, internet, or the use of packet to solicit contacts during the competition is unsportsmanlike and the entry is subject to disqualification. Actions and decisions of the EPC PSK63 QSO Party Manager are official and final.

The Man in the Maze
QRV from Baboaquivari Peak, AZ

--
Iitoi

272. Re: Bio-TERROR in America: The Government of Torture!

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-12 11:25:13 UTC
From: JDB <liberalsrcrap@nospamgmail.com>
Message-ID: <tOwNg.1741$131.365@tornado.ohiordc.rr.com>
Source record: 725

The Wackos are out in full force!

273. Re: HP 48gx and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-15 12:50:15 UTC
From: Goog <gerheim@cox.net>
Message-ID: <1158324615.524448.248780@d34g2000cwd.googlegroups.com>
Source record: 726

I wrote some stuff on this. Search old Packet Perspectives in QST (May
1994, pg. 110.) It was mostly for DX packet clusters, but would also
serve as a dumb term. There are serious problems with the keyboard and
small screen with this. In the near future, I may do something similar
with APRS, expecially if I can figure out how to get my hands on an
HP-50G and use the serial port option!

Dr. Anton T. Squeegee wrote:
> In article <sFYJg.10618$dl.1691@tornado.texas.rr.com>, dougmc+usenet-
> 20060901@frenzied.us (known to some as Doug McLaren) scribed...
>
> > In article <MPG.1f60024ac0ff447b989706@news.drizzle.com>,
> > Dr. Anton T. Squeegee <SpammersBlow@dev.null> wrote:
> >
> > | Maybe it's just me, but... Is there a specific reason anyone would
> > | want to use a scientific calculator as a packet terminal?
> >
> > Don't hams usually have an urge to tinker with things, use them in
> > ways they're not really meant to be used?
>
> Of course we do. ;-) I'm not saying 'Don't do it,' I'm just saying
> it didn't make much sense to me. A calculator, in my eyes, is just that:
> A handy tool for doing math. That's all I want it to be, that's all I
> ever need it to be.
>
> > | Seems to me it'd be a lot easier just to use... a terminal! Or a PC
> > | with appropriate software.
> >
> > Well, it does have a serial port, keyboard and screen, and it's very
> > small and uses very little power. It sounds like a great serial
> > console to me if done right ...
>
> Perhaps, but typing on the thing would be a bloody nightmare from
> the get-go.
>
> Keep the peace(es).
>
>
> >
> >
>
> --
> Dr. Anton T. Squeegee, Director, Dutch Surrealist Plumbing Institute
> (Known to some as Bruce Lane, KC7GR)

```
> http://www.bluefeathertech.com -- kyrrin a/t bluefeathertech d-o=t calm
> "Salvadore Dali's computer has surreal ports..."
```

274. Re: Packet BBS?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-19 17:01:06 UTC
From: Indy ham <private@nospam.com.cc>
Message-ID: <alt9q.lfa.19.1@news.alt.net>
Source record: 727

I dont think anyone has used a packet BBS in 7 or 8 years. Maybe you should steer him into HF digital modes like PSK31 and the like, if he has the license for it.

There are a few AMPR net BBS's still online. Search google for them. I dont know any in Texas, but he can TELNET in from the internet and talk to amateurs around the world and via radio.

Just a thought!
"Gary" <danahers@comcast.net> wrote in message
news:b4SdnfW3avHljGHZnZ2dnUVZ_vGdnZ2d@comcast.com...
>A new amateur has asked me about packet radio bbs's and I have no idea how
>to respond. He is interested in knowing about the bbs system and I'm
>thinking he is about 10 years too late. He is located in North Texas in the
>DFW area. Anyone know of any bbs systems available in that region?

275. Re: Packet BBS?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-20 01:18:28 UTC
From: Joseph Fenn <jfenn@lava.net>
Message-ID: <Pine.BSI.4.61.0609191511340.27012@malasada.lava.net>
Source record: 728

On Tue, 19 Sep 2006, Indy ham wrote:

> I dont think anyone has used a packet BBS in 7 or 8 years. Maybe you should
> steer him into HF digital modes like PSK31 and the like, if he has the
> license for it.
>
> There are a few AMPR net BBS's still online. Search google for them. I dont
> know any in Texas, but he can TELNET in from the internet and talk to
> amateurs around the world and via radio.
>
> Just a thought!
> "Gary" <danahers@comcast.net> wrote in message
> news:b4SdnfW3avHljGHZnZ2dnUVZ_vGdnZ2d@comcast.com...
>> A new amateur has asked me about packet radio bbs's and I have no idea how
>> to respond. He is interested in knowing about the bbs system and I'm
>> thinking he is about 10 years too late. He is located in North Texas in the
>> DFW area. Anyone know of any bbs systems available in that region?

Just one more thought. Packet BBS is used on all Militry PBBS
boards in conjunction with All MARS types. It also has HF
capability on Packet, Pactor, Ale, etc. Pactor on HF was the most
used until ALE pushed it aside recently. I still use VHF packet
and Digicom software almost daily with ABM6USA here at Schofield
Barracks Signal Corps Station. AS for those weird psk31,
mtty, and 3 or 4 other formats I gave them a shot and for msg
tfc handling they were 90% worthless. No ARQ builtin hence
msg traffic had errors too often to even mention them.
Joe ABM6JF MBO for winlink 2.9 PBBS MARS PBBS

276. Re: HP 48gx and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-23 01:53:33 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4514939d$0$1004$39cecf19@news.twtelecom.net>
Source record: 729

mike boersma wrote:

>>
>> Maybe it's just me, but... Is there a specific reason anyone would
>>want to use a scientific calculator as a packet terminal?
>>
>> Seems to me it'd be a lot easier just to use... a terminal! Or a PC
>>with appropriate software.

Will a 48SX do it too?

tom

277. Re: HP 48gx and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-25 23:23:45 UTC
From: mike boersma <mike.boersma@gmail.com>
Message-ID: <1159226625.627496.229780@m73g2000cwd.googlegroups.com>
Source record: 730

I agree with the keyboard and small screen. Any problem with the cable
(4 pin from Hp48 to DB9 to a DB9/DB25 to the TNC), ie. is it necessary
to build a cable or can the stock 4 pin -- DB9 with a DB9/Db25
converter work?

Thanks

Mike Boersma
KD8EIB
Goog wrote:
> I wrote some stuff on this. Search old Packet Perspectives in QST (May
> 1994, pg. 110.) It was mostly for DX packet clusters, but would also
> serve as a dumb term. There are serious problems with the keyboard and
> small screen with this. In the near future, I may do something similar
> with APRS, expecially if I can figure out how to get my hands on an
> HP-50G and use the serial port option!
>
>
> Dr. Anton T. Squeegee wrote:
> > In article <sFYJg.10618$dl.1691@tornado.texas.rr.com>, dougmc+usenet-
> > 20060901@frenzied.us (known to some as Doug McLaren) scribed...
> >
> > > In article <MPG.1f60024ac0ff447b989706@news.drizzle.com>,
> > > Dr. Anton T. Squeegee <SpammersBlow@dev.null> wrote:
> > >
> > > | Maybe it's just me, but... Is there a specific reason anyone would
> > > | want to use a scientific calculator as a packet terminal?
> > >
> > > Don't hams usually have an urge to tinker with things, use them in
> > > ways they're not really meant to be used?
> >
> > Of course we do. ;-) I'm not saying 'Don't do it,' I'm just saying
> > it didn't make much sense to me. A calculator, in my eyes, is just that:
> > A handy tool for doing math. That's all I want it to be, that's all I
> > ever need it to be.
> >
> > > | Seems to me it'd be a lot easier just to use... a terminal! Or a PC
> > > | with appropriate software.
> > >
> > > Well, it does have a serial port, keyboard and screen, and it's very
> > > small and uses very little power. It sounds like a great serial
> > > console to me if done right ...
> >
> > Perhaps, but typing on the thing would be a bloody nightmare from
> > the get-go.

> >
> > Keep the peace(es).
> >
> >
> > >
> > >
> >
> > --
> > Dr. Anton T. Squeegee, Director, Dutch Surrealist Plumbing Institute
> > (Known to some as Bruce Lane, KC7GR)
> > http://www.bluefeathertech.com -- kyrrin a/t bluefeathertech d-o=t calm
> > "Salvadore Dali's computer has surreal ports..."

278. Packet Radio In Melbourne Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-09-30 14:06:11 UTC
From: Peter Berrett <ferrett1@optusnet.com.au>
Message-ID: <451e79d3$0$22358$afc38c87@news.optusnet.com.au>
Source record: 731

Hi all

I am located in Boronia which is in the eastern suburbs of Melbourne Australia.

After a very long absence from packet radio I have reassembled my packet station and have been looking to try and connect to a local bbs.

Frequencies and stations appear to have changed substantially. When I was last on I frequently connected to vk3rmu-2 near Healesville but I can't hear this repeater any more.Vk3frs is listed as being on 144.775 but I have been unable to connect using my 1200 baud setup.

I have however been able to connect to vk3my-4 in Bayswater. Also to vk3rmd-1 on Mt Dandenong. The trouble is that these are not bbs's and I am unable to digipeat via them.

Can someone suggest a path whereby I can access directly or indirectly a bbs in Melbourne?

Please note I am not set up for tcpip.

Thanks Peter

279. Re: Packet Radio In Melbourne Question

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-01 00:41:50 UTC
From: Joseph Fenn <jfenn@lava.net>
Message-ID: <Pine.BSI.4.61.0609301438220.13125@malasada.lava.net>
Source record: 732

Peter,
I just guess you moved out of range of the VHF repeaters your
trying to access. And I guess there are no others also that
you can digipeat thru to the one your looking for. Some people
with packet setups however dissallow digiteating via them by
setting their mode to block digipeating at all.
Joe/ABM6JF

****
* Ham KH6JF AARS/MARS ABM6JF QCWA WW2 VET WD RADIO SYSTEM*
* Army MARS PRECEDED by AARS (Army Amateur Radio System) *
* Hi State ARMY MARS COORDINATOR *
****

280. Any digital on VHF/UHF?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-01 02:29:22 UTC
From: Rod Maupin <someone@someserver.com>
Message-ID: <0pOdncSijIpguoLYnZ2dnUVZ_oydnZ2d@neonova.net>
Source record: 733

I'm new to digital and currently have my computer interfaced to my satellite radio. I'm wondering if there is much digital on the regular 2m and 70cm bands? If so, where should I look?

281. Re: Any digital on VHF/UHF?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-01 04:56:32 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <1du3v3-uo4.ln1@p400bob.personal.cox.net>
Source record: 734

There are certainly some experimenters around...

I'd suspect though it will be an arranged thing rather than blind CQ'ing
like you hear on HF. The bandplan for digital work is also going to vary
from country to country as well. Some of the meteor scatter modes might
interest you too. (Like FSK441 etc)

Where are you?

Cheers Bob W5/VK2YQA

Rod Maupin wrote:
> I'm new to digital and currently have my computer interfaced to my satellite
> radio. I'm wondering if there is much digital on the regular 2m and 70cm
> bands? If so, where should I look?
>
>

282. Re: Any digital on VHF/UHF?

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-01 05:45:24 UTC
From: Rod Maupin <someone@someserver.com>
Message-ID: <ocOdndIdAKRoyILYnZ2dnUVZ_vydnZ2d@neonova.net>
Source record: 735

I'm in Olympia, WA. I originally wanted to try and work some of the digital satellites. However, I have also heard of meteor scatter and it sounds like fun. Although, I thought that that was primarily on 6m which I don't have.

I may switch and interface my HF radio to the computer. Right now, digital is new so I'm open to about anything.

Rod

283. PSK31 - PSK TARA Rumble this weekend - 0000 to 2400 UTC 7 October 2006

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-03 19:42:27 UTC
From: "R. Scott" <spamtrap@w7psk.net>
Message-ID: <J6Ks2q.1ns@news.boeing.com>
Source record: 736

Come join the fun

Here is the rules page

http://www.n2ty.org/seasons/tara_rumble_rules.html

I look forward to seeing some of you.

Scotty W7PSK

284. Re: HP 48gx and packet

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-05 15:53:15 UTC
From: Goog <gerheim@cox.net>
Message-ID: <1160063595.545362.226150@k70g2000cwa.googlegroups.com>
Source record: 737

mike boersma wrote:
> I agree with the keyboard and small screen. Any problem with the cable
> (4 pin from Hp48 to DB9 to a DB9/DB25 to the TNC), ie. is it necessary
> to build a cable or can the stock 4 pin -- DB9 with a DB9/Db25
> converter work?
>
>

You can use the stock HP cable with a null modem (swap pins 3 and 4).
This was described in QST. At the time, I didn't know what a null
modem was.

285. FEMME MARIEES DELAISSEES LA CHATTE EN FEU

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-06 22:26:57 UTC
From: melanie@franceweb.com
Message-ID: <4526d830$0$27369$ba4acef3@news.orange.fr>
Source record: 738
Body handling: HTML body converted to readable text

[No readable article body recovered]

286. FAITES DE VRAIES RENCONTRES PARTOUT

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-06 22:27:22 UTC
From: francine@canadaweb.com
Message-ID: <4526d84a$0$25906$ba4acef3@news.orange.fr>
Source record: 739
Body handling: HTML body converted to readable text

[No readable article body recovered]

287. most cost effective controller

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-08 15:21:33 UTC
From: wf3h <wf3h@vsswireless.net>
Message-ID: <1160320893.896622.158080@m73g2000cwd.googlegroups.com>
Source record: 740

looking for the best rig controller/digital interface for running
psk31, amtor, rtty, etc. opinion? costs? using a computer with USB
ports...

thanks

288. Re: most cost effective controller

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-08 19:13:31 UTC
From: "Jim, N2VX" <someone@somewhere.com>
Message-ID: <sajii25ncg5pcj9hd8nuv0bprc5n2snkb2@4ax.com>
Source record: 741

On 8 Oct 2006 08:21:33 -0700, "wf3h" <wf3h@vsswireless.net> wrote:

>looking for the best rig controller/digital interface for running
>psk31, amtor, rtty, etc. opinion? costs? using a computer with USB
>ports...
>
>thanks

A cheap interface for your soundcard/rig combo and software for the
mode you want. Find one prebuilt, a kit or roll your own.

73,
Jim

289. Re: most cost effective controller

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-09 11:20:35 UTC
From: kuzen001@duke.edu
Message-ID: <egdba3qmf1@gargoyle.oit.duke.edu>
Source record: 742

wf3h <wf3h@vsswireless.net> wrote:
> looking for the best rig controller/digital interface for running
> psk31, amtor, rtty, etc. opinion? costs? using a computer with USB

As someone else said, they're pretty easy to make, but
you can also get them assembled and wired for your own
radio from "BuxComm," run by Buck, K4ABT. I bought one
from BuxComm a few years ago and saved the bother of
getting all the parts, etc. www.PacketRadio.com or
www.COMMparts.com/catalog. Cheap and easy, many (?all?)
of them come with software on a CD, so you can basically
spend an hour hooking up and installing, and be working a
digital mode the same afternoon.

I know Buck is still in business because I was using one
of his interfaces between my PC and FT-840 to work PSK31
and RTTY; then I went inactive for a few years and sold
the FT-840. Decided to play on HF again, dragged out the
706, and instead of buying connectors and making a cable,
I just ordered a cable from BuxComm, pre-wired, to go
between the sound card and 706. Didn't cost much more
than the two connectors would have cost at Radio Shack.
:-)

Good luck! The digital modes--particuarly PSK31 IMO--can
be a WORLD of fun!

Ken Kuzenski AC4RD ken . kuzenski at duke .edu

All disclaimers apply, see? www.duke.edu/~kuzen001

290. PSK-31 via satellite

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-10 16:04:49 UTC
From: Goog <gerheim@cox.net>
Message-ID: <1160496289.396583.135130@i42g2000cwa.googlegroups.com>
Source record: 743

PCSAT-2 was supposed to have a PSK31 experiment: 10 meters (SSB XCVR) up, and 70cm or 2m down, with the audio riding on FM. In theory, at least, it could be operated full duplex from a really cheap station. I think they terminated the experiment before I had a chance to check it out.

Did anyone have any experience with this?

Apparently, the Midshipmen are planning another satellite with the same mode (plus APRS) for launch in December.

291. Re: IM ASKING FOR DONATIONS FOR HEART SURGERY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-10 16:46:49 UTC
From: Mark@kb9rqz.net
Message-ID: <452bc186$0$19615$88260bb3@free.teranews.com>
Source record: 744
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

"mike" <mcollins7373@msn.com> wrote in message
news:452ba865$0$4677$ec3e2dad@news.usenetmonster.com...
> hello i always figured this would never happen to me but my
> heart is having serious issuses do to a birth defect (i was born with a
> hole in my heart)and need money to have the surgery to get the hole fix so
> i am asking for donations to help with the cost since i dont have
> insurance so if you have a paypal account please look into your heart and
> donate a dollar or two my paypal emial is mcollins7373@msn.com i need
> around 20,000 dollars usd to have the surgery done. This is my last resort
> for money i have tried goverment agencies family and friends and to my
> dissapointment nothing happened SO PLEASE I NEED HELP thank you so much
> mike collins
>
>
>
>
> uW18P>^&K2[o%09E*`x[9K%bwh'bt/QIr8!Vk
> MwoA)75ElpSj?Z[U`)tK`%OLP#m2qLF<MuIR5q.lYC;M:1Lc>: aQcG]SjrTf$

geuss waht im trying toget the cheep poeple at teh welfair to pay four my
penis inmplant an it ben like puling teeth to get those two pay.

--
Posted via a free Usenet account from http://www.teranews.com

292. Re: IM ASKING FOR DONATIONS FOR HEART SURGERY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-10 19:33:19 UTC
From: an old freind <kb9rqz@hotmail.com>
Message-ID: <1160508799.718062.133210@c28g2000cwb.googlegroups.com>
Source record: 745
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Mark@kb9rqz.net wrote:
> "mike" <mcollins7373@msn.com> wrote in message
> news:452ba865$0$4677$ec3e2dad@news.usenetmonster.com...
>
id theft is a crime

293. Re: PSK-31 via satellite

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-10 23:36:12 UTC
From: Alan WA4SCA <APBIDDLE@UNITED.NET>
Message-ID: <4hboi258uhmkvatb7snapa5fo1hcdko7pk@4ax.com>
Source record: 746

I didn't work it myself, but it worked great for a couple of days. For some reason, the 10 meter receiver became progressively more deaf over the space of a week.

--
Alan
WA4SCA

294. Re: IM ASKING FOR DONATIONS FOR HEART SURGERY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-11 08:20:28 UTC
From: steve carey <scarey@tds.net>
Message-ID: <gP1Xg.5409$5i7.5291@newsreading01.news.tds.net>
Source record: 747
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

```
it goes along with the hole in your head
<Mark@kb9rqz.net> wrote in message
news:452bc186$0$19615$88260bb3@free.teranews.com...
>
> "mike" <mcollins7373@msn.com> wrote in message
> news:452ba865$0$4677$ec3e2dad@news.usenetmonster.com...
>> hello i always figured this would never happen to me but my
>> heart is having serious issuses do to a birth defect (i was born with a
>> hole in my heart)and need money to have the surgery to get the hole fix
>> so i am asking for donations to help with the cost since i dont have
>> insurance so if you have a paypal account please look into your heart and
>> donate a dollar or two my paypal emial is mcollins7373@msn.com i need
>> around 20,000 dollars usd to have the surgery done. This is my last
>> resort for money i have tried goverment agencies family and friends and
>> to my dissapointment nothing happened SO PLEASE I NEED HELP thank you so
>> much mike collins
>>
>>
>>
>>
>> uW18P>^&K2[o%09E*`x[9K%bwh'bt/QIr8!Vk
>> MwoA)75ElpSj?Z[U`)tK`%OLP#m2qLF<MuIR5q.lYC;M:1Lc>: aQcG]SjrTf$
>
> geuss waht im trying toget the cheep poeple at teh welfair to pay four my
> penis inmplant an it ben like puling teeth to get those two pay.
>
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>
```

295. NEW IC91 AD Yahoo group

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-11 22:48:02 UTC
From: Yaesubluemofo <yaesubluemofo@gmail.com>
Message-ID: <x9idnf7LD9086bDYnZ2dnUVZ_v2dnZ2d@comcast.com>
Source record: 748
Cross-posted to: rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Hello Are you interested in the New digital capable Icom IC91 AD? What about D-Star?
If so Come join us at the New more laid back IC-91AD Yahoo group.
We are just starting out so come join us and watch us grow.
The reason for this group is simple. I have vast experience in the area of owning and moderating newsgroup type lists. The other groups devoted to this radio have gone nowhere. I am serious about making this THE group. we already have files for modding the radio the manual and other files are available for the asking.
This group will have a laid back approach.
occasional Jokes are allowed.
Anyway I will add the 91AD to the list of groups that I own and hopefully this will become the single point of interest for this incredible digital capable radio.

http://groups.yahoo.com/group/IC91AD/

MOFO

296. setting up rigblaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-13 01:59:19 UTC
From: wf3h <wf3h@vsswireless.net>
Message-ID: <1160704759.016054.14680@m73g2000cwd.googlegroups.com>
Source record: 749

OK I can get my blaster to TX or RX but not both. If I set the VOX high it goes to TX. If low it stays on RX. If intermediate it oscillates. Any answers?

297. FCC NEWS Break

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-13 05:15:31 UTC
From: Joseph Fenn <jfenn@lava.net>
Message-ID: <Pine.BSI.4.61.0610121913190.4714@malasada.lava.net>
Source record: 750

If anybody interested on this group courtesy of KH6JF

****
* Ham KH6JF AARS/MARS ABM6JF QCWA WW2 VET WD RADIO SYSTEM*
* Army MARS PRECEDED by AARS (Army Amateur Radio System) *
* Hi State ARMY MARS COORDINATOR *
****

Newsgroups: rec.radio.amateur.equipment
Subject: NEWS FROM FCC
****
Subject: FYI---New freqs etc

ARRL Bulletin 19 ARLB019
From ARRL Headquarters
Newington CT October 12, 2006
To all radio amateurs
SB QST ARL ARLB019

ARLB019 FCC releases long-awaited ''Omnibus'' Amateur Radio Report and
Order Ending a protracted waiting period, the FCC's Report and Order in
the so-called ''Omnibus'' Amateur Radio proceeding, WT Docket 04-140,
was adopted October 4 and released October 10, 2006. In it, the FCC
adopted nearly all of the proposed changes in the Notice of Proposed
Rulemaking released back in 2004. The FCC has:
expanded the phone subbands in the 75 and 40 meter bands
permitted auxiliary stations to transmit on portions of the 2 meter band.
permitted the use of spread spectrum on 222-225 MHz;
permitted amateurs to retransmit communications from the
International Space Station;

permitted amateur licensees to designate a specific Amateur Radio
club to receive their call sign in memoriam
prohibited an applicant from filing more than one application for
a specific vanity call sign;
eliminated certain restrictions on equipment manufacturers;
permitted Amateur Radio stations in Alaska and surrounding waters
more flexibility in providing emergency communications;
clarified that ''amateur stations may, at all times and on all
frequencies authorized to the control operator, make transmissions
necessary to meet essential communication needs and to facilitate
relief actions.

deleted the frequency bands and segments specified for RACES stations
and deleted the requirement for public announcement of test locations

and times.

In addition, the FCC took several other miscellaneous actions.
In ''refarming'' the frequencies currently authorized to Novice and
Technician Plus licensees, the Commission increased the voice segments
from General, Advanced and Amateur Extra licensees.

On 75 meters, Generals will be able to use voice from 3800-4000 kHz,
an increase of 50 kHz. Advanced class licensees will be able to use
voice from 3700-4000, an increase of 75 kHz, and Amateur Extras will
be able to use voice from 3600 to 4000 kHz, a generous increase of
150 kHz.

On 40 meters, Advanced and Extra Class licensees will be able to use
voice from 7125-7300 kHz, an increase of 25 kHz. General class
licensees will be able to use voice on 7175-7300 kHz, an increase of 50 khz
On 15 meters, General class operators will have phone privileges on
21275-21450 kHz, an increase of 25 kHz.

ARRL President Joel Harrison, W5ZN, expressed the ARRL's gratitude
to the FCC Commissioners in a letter dated October 11: 'On behalf of
the ARRL and the Commission's licensees in the Amateur Radio Service
I want to express appreciation for your release yesterday of the
Report and Order in WT Docket 04-140 (FCC 06-149) amending Part 97
END of the Commission's Rules. The Commission's action in clearing this
pending proceeding will assist the Amateur Radio Service in meeting
its objectives, particularly with regard to providing emergency and
public service communications.''

The changes will go into effect 30 days after the R&O is published
in the Federal Register.
(courtesy of KH6JF if anyone on this group is interested)

Joe/ABM6JF/KH6JF

298. Re: setting up rigblaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-13 06:02:08 UTC
From: Alan WA4SCA <APBIDDLE@UNITED.NET>
Message-ID: <ouaui2l14rcuqnbkdm0rhbping5qe2hbsf@4ax.com>
Source record: 601

Rig?

--
Alan
WA4SCA

299. Re: setting up rigblaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-13 10:15:00 UTC
From: Edward Feustel <efeustel@hughes.net>
Message-ID: <GKqdnbWk3OKz-rLYnZ2dnUVZ_r6dnZ2d@giganews.com>
Source record: 602

"wf3h" <wf3h@vsswireless.net> wrote in message
news:1160704759.016054.14680@m73g2000cwd.googlegroups.com...
> OK I can get my blaster to TX or RX but not both. If I set the VOX
> high it goes to TX. If low it stays on RX. If intermediate it
> oscillates. Any answers?
>
Could it be RF feedback through the mike cable?
That is what happened to me.
Ed, N5EI

300. Re: IM ASKING FOR DONATIONS FOR HEART SURGERY

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-13 10:27:59 UTC
From: Wolfgang Fartbubble <swift240@yahoo.co.uk>
Message-ID: <452F6A2D.6080003@yahoo.co.uk>
Source record: 603
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

mike wrote:
> hello i always figured this would never happen to me but my heart is having serious issuses do to a birth defect (i was born with a hole in my heart)and need money to have the surgery to get the hole fix so i am asking for donations to help with the cost since i dont have insurance so if you have a paypal account please look into your heart and donate a dollar or two my paypal emial is mcollins7373@msn.com i need around 20,000 dollars usd to have the surgery done. This is my last resort for money i have tried goverment agencies family and friends and to my dissapointment nothing happened SO PLEASE I NEED HELP thank you so much mike collins
>
>
>
>
> uW18P>^&K2[o%09E*`x[9K%bwh'bt/QIr8!Vk MwoA)75ElpSj?Z[U`)tK`%OLP#m2qLF<MuIR5q.lYC;M:1Lc>:aQcG]SjrTf$
>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0641-4, 13/10/2006
> Tested on: 13/10/2006 11:27:34
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>
Put the arse hole on the KILL list.

I have.......

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0641-4, 13/10/2006
Tested on: 13/10/2006 11:27:57
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

301. Re: setting up rigblaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-13 22:58:51 UTC
From: wf3h <wf3h@vsswireless.net>
Message-ID: <1160780331.000282.299780@i42g2000cwa.googlegroups.com>
Source record: 604

Alan WA4SCA wrote:
> Rig?
>
> --
> Alan
> WA4SCA

Hi Alan

Using 756 proII and old Pentium computer with sound card

302. Re: setting up rigblaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-13 22:59:40 UTC
From: wf3h <wf3h@vsswireless.net>
Message-ID: <1160780380.272054.114410@i3g2000cwc.googlegroups.com>
Source record: 605

Edward Feustel wrote:
> "wf3h" <wf3h@vsswireless.net> wrote in message
> news:1160704759.016054.14680@m73g2000cwd.googlegroups.com...
> > OK I can get my blaster to TX or RX but not both. If I set the VOX
> > high it goes to TX. If low it stays on RX. If intermediate it
> > oscillates. Any answers?
> >
> Could it be RF feedback through the mike cable?
> That is what happened to me.
> Ed, N5EI

You know it DOES sound like feedback, but it happens even with the mike disconnected...go figure!

303. Re: setting up rigblaster

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-15 22:53:26 UTC
From: wf3h <wf3h@vsswireless.net>
Message-ID: <1160952806.023655.30730@k70g2000cwa.googlegroups.com>
Source record: 606

wf3h wrote:
> OK I can get my blaster to TX or RX but not both. If I set the VOX
> high it goes to TX. If low it stays on RX. If intermediate it
> oscillates. Any answers?

got it...line balance control needed to be muted. once that was done
everything worked fine

thanks everyone

304. Re: most cost effective controller

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-15 22:56:44 UTC
From: wf3h <wf3h@vsswireless.net>
Message-ID: <1160953004.300571.282410@b28g2000cwb.googlegroups.com>
Source record: 607

kuzen001@duke.edu wrote:
>
> Good luck! The digital modes--particuarly PSK31 IMO--can
> be a WORLD of fun!
>
>

thanks ken and thanks jim...managed to get the old unit on the air with
an antique computer...almost boat anchors on both scores!

305. SSTV and WEFAX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-22 15:11:35 UTC
From: wf3h <wf3h@vsswireless.net>
Message-ID: <1161529895.667222.77330@h48g2000cwc.googlegroups.com>
Source record: 608

Was trying to monitor SSTV with JVCOMM program hooked, via a rigblaster, to an old pentium computer....about 8 yrs old using Windows 98. Received images were slanted so I asked one of the folks on the band what was going on.

He said that you MUST use Windows XP operating system and IRFanview to look at pix transmitted via SSTV.

This makes no sense. The transmitted picture is just a string of bits. the Image doesn't know what I'm using. So any program set up for SSTV should work.

Anyone any suggestions?

I am also using TRUETTY and SeatTTY to monitor wefax but, after receiving 1 perfect image the rest have been slanted as well. Any ideas?

Thanks all.

306. Re: SSTV and WEFAX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-22 15:20:47 UTC
From: Alan WA4SCA <APBIDDLE@UNITED.NET>
Message-ID: <9l2nj2lluqji98edhjt4fq2r0pl1c2iu1g@4ax.com>
Source record: 609

Slanted pictures means there is a slight mismatch in the sound card,
or dedicated hardware, sampling rates. I am not familiar with the
program you are using, but look for some information on calibration,
sample rate, or possibly alignment. Once you tweak that, you should
be fine. WEFAX transmissions are usually good, and experienced SSTV
users quickly get their equipment adjusted.

--
Alan
WA4SCA

307. Re: SSTV and WEFAX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-22 16:34:55 UTC
From: wf3h <wf3h@vsswireless.net>
Message-ID: <1161534895.088507.168530@k70g2000cwa.googlegroups.com>
Source record: 610

On Oct 22, 10:20 am, Alan WA4SCA <APBID...@UNITED.NET> wrote:
> Slanted pictures means there is a slight mismatch in the sound card,
> or dedicated hardware, sampling rates. I am not familiar with the
> program you are using, but look for some information on calibration,
> sample rate, or possibly alignment. Once you tweak that, you should
> be fine. WEFAX transmissions are usually good, and experienced SSTV
> users quickly get their equipment adjusted.
>
> --
> Alan

Thanks Alan...will try that. Had a feeling it wasn't due to the O/S...

BOb
> WA4SCA

308. Re: SSTV and WEFAX

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-22 16:53:29 UTC
From: Ralph Mowery <rmowery28146@earthlink.net>
Message-ID: <dmN_g.14982$o71.13882@newsread3.news.pas.earthlink.net>
Source record: 611

"wf3h" <wf3h@vsswireless.net> wrote in message
news:1161529895.667222.77330@h48g2000cwc.googlegroups.com...
> Was trying to monitor SSTV with JVCOMM program hooked, via a
> rigblaster, to an old pentium computer....about 8 yrs old using Windows
> 98. Received images were slanted so I asked one of the folks on the
> band what was going on.
>
> He said that you MUST use Windows XP operating system and IRFanview to
> look at pix transmitted via SSTV.
>
> This makes no sense. The transmitted picture is just a string of bits.
> the Image doesn't know what I'm using. So any program set up for SSTV
> should work.
>
> Anyone any suggestions?
>
> I am also using TRUETTY and SeatTTY to monitor wefax but, after
> receiving 1 perfect image the rest have been slanted as well. Any
> ideas?
>
> Thanks all.
>

I agree, it is probably an adjustment to the program due to the sampling
rates of your sound card.

Go here and look for MMSSTV, a free program the will let you use the sound
card to do sstv. Nowhere near the problems the eariler programs had with
getting good images.

309. WTB: VHF GE Master II or the like

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-24 12:30:51 UTC
From: Netsock <nospam@home.com>
Message-ID: <0f1sj2lpv2bf14pt6ag5acrctppbudjmg4@4ax.com>
Source record: 612
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

Wanted;

A 100 watt (minimum) VHF rig to be used with Packet, specifically,
APRS on 144.39 MHz, so rock bound (crystal control) okay.

TIA

310. Re: WTB: VHF GE Master II or the like

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-24 16:04:18 UTC
From: Bill Cromwell <w_r_cromwell@yahoo.com>
Message-ID: <pan.2006.10.24.16.04.17.970122@yahoo.com>
Source record: 613
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

On Tue, 24 Oct 2006 08:30:51 -0400, Netsock wrote:

> Wanted;
>
> A 100 watt (minimum) VHF rig to be used with Packet, specifically,
> APRS on 144.39 MHz, so rock bound (crystal control) okay.
>
> TIA

I tried to send you info about the ones I have available in your private email. I guess we both know you are unreachable. If you act the same way with your home address I will have no place to send a radio anyway.

Bill

311. tx/rx aprs

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-10-24 18:05:31 UTC
From: pierard laurent <pierard_laurent@hotmail.com>
Message-ID: <ehlkkgvml1@news.brutele.be>
Source record: 614

hello,

its possible infos, for kit TX/RX for aprs VHF ????

tks a lot

laurent on3vhf
www.on3vhf.be.tf

312. Wanted Collins 30L-1 Round

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-11-16 07:15:05 UTC
From: Carl Domanico <vze2686b@verizon.net>
Message-ID: <ZdU6h.4442$8u1.1420@trndny04>
Source record: 615

Hi, I'm looking for a Collins 30L-1 Round Emblem, High Frequency, Linear Amplifer. Not looking for any junk, actually I want one in excellent condition, Must be Round Emblem... Prefer one that has already been refurbished, things such as power supply, caps , etc...So as I do not have to do it...Although I've restored a few of them...I just want one in Excellent to Mint Condition...
If anyone out there has one of these amps, please feel free to e-mail me and if you like call 718-331-7427

Thanks a Lot
Carl
N2MFW

313. TEST (Ignore)

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-11-21 13:45:05 UTC
From: Richard Fry <rfry@adams.met>
Message-ID: <wtnzyfstnji.1ewybk2ulb6rt.dlg@40tude.net>
Source record: 616

```
Trying a new reader...
```

314. FYI: Found this Radio site

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-11-23 23:02:22 UTC
From: Martin Johnson <ac7lk@aol.com>
Message-ID: <3oCdnQLTALoPtfvYnZ2dnUVZ_oSdnZ2d@nventure.com>
Source record: 617
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.amateur.spacerec.radio.scanner

intersting amateur mode :

http://www.kc7zwg.org

is this illegal?

315. FYI: Some D-Star Links

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-11-25 14:37:15 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <uyY9h.28692$kI3.18915@newsfe06.phx>
Source record: 618

ARRL: http://www.arrl.org/news/stories/2005/12/14/1/?nc=1

D-Star Map And Forum: http://www.d-starradio.org/

D-Star From ICOM: http://www.icomamerica.com/amateur/dstar/

73 From CL

316. Guide Lines For This News Group

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-12-02 16:20:35 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <lJhch.49779$4Z1.11072@newsfe09.phx>
Source record: 619

Maybe this will help(a little) to get rid of the off topic posts

For what this News Group is about and applicable guide lines see URL:

http://www.faqs.org/faqs/radio/personal-intro/

Thanks for reading
73 CL

317. Re: Guide Lines For This News Group

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-12-02 17:27:47 UTC
From: Unclaimed Mysteries <the_letter_k_and_the_numeral_4_doh@unclaimedmysteries.net>
Message-ID: <nlich.6469$1s6.2550@newsread2.news.pas.earthlink.net>
Source record: 620

Caveat Lector wrote:
> Maybe this will help(a little) to get rid of the off topic posts
>
> For what this News Group is about and applicable guide lines see URL:
>
> http://www.faqs.org/faqs/radio/personal-intro/
>
> Thanks for reading
> 73 CL
>
>

How is this enforced?

--
It Came From Corry Lee Smith's Unclaimed Mysteries.
http://www.unclaimedmysteries.net

318. Re: Guide Lines For This News Group

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-12-02 18:21:28 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <Kujch.67260$Vu4.61843@newsfe10.phx>
Source record: 621

"Unclaimed Mysteries"
<the_letter_k_and_the_numeral_4_doh@unclaimedmysteries.net> wrote in message
news:nIich.6469$1s6.2550@newsread2.news.pas.earthlink.net...
> Caveat Lector wrote:
>> Maybe this will help(a little) to get rid of the off topic posts
>>
>> For what this News Group is about and applicable guide lines see URL:
>>
>> http://www.faqs.org/faqs/radio/personal-intro/
>>
>> Thanks for reading
>> 73 CL
>
> How is this enforced?
>

It is NOT - that was the point of the post
It is a free unmoderated news group

73 CL

319. Re: Guide Lines For This News Group

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-12-02 19:29:14 UTC
From: Unclaimed Mysteries <the_letter_k_and_the_numeral_4_doh@unclaimedmysteries.net>
Message-ID: <eukch.6489$1s6.160@newsread2.news.pas.earthlink.net>
Source record: 622

```
Caveat Lector wrote:
> "Unclaimed Mysteries"
> <the_letter_k_and_the_numeral_4_doh@unclaimedmysteries.net> wrote in message
> news:nIich.6469$1s6.2550@newsread2.news.pas.earthlink.net...
>> Caveat Lector wrote:
>>> Maybe this will help(a little) to get rid of the off topic posts
>>>
>>> For what this News Group is about and applicable guide lines see URL:
>>>
>>> http://www.faqs.org/faqs/radio/personal-intro/
>>>
>>> Thanks for reading
>>> 73 CL
>> How is this enforced?
>>
>
> It is NOT - that was the point of the post
> It is a free unmoderated news group
>

Seemed like you were looking for the job.

--
It Came From Corry Lee Smith's Unclaimed Mysteries.
http://www.unclaimedmysteries.net
```

320. Re: Guide Lines For This News Group

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-12-02 22:07:20 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <tOmch.52830$dC7.8313@newsfe07.phx>
Source record: 623

"Howard Goldstein" <hgoldste@mpcs.com> wrote in message
news:1165095866.69382@news.queue.to...
> On Sat, 2 Dec 2006 08:20:35 -0800, Caveat Lector <CL@nowhere.com> wrote:
> : Maybe this will help(a little) to get rid of the off topic posts
>
> Good luck with that

If we only get rid of one -- it was "Good Luck"

CL

321. FYI: New Radio Website

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-12-03 19:23:38 UTC
From: Martin Johnson <ac7lk@aol.com>
Message-ID: <gsednef1WpC_uO7YnZ2dnUVZ_tednZ2d@nventure.com>
Source record: 624

http://kc7zwg.com

322. RTTY and the SM-220 SCOPE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-12-22 22:52:49 UTC
From: radio52@sbcglobal.net
Message-ID: <blZih.2057$x67.16@newssvr17.news.prodigy.net>
Source record: 625

I would like to use my SM220 Scope for rtty. I believe I will need a demodulator for the mark and space separation for the h.input and the v.input. Anyone using there scope for rtty and what do you use for a demodulator?

323. Re: RTTY and the SM-220 SCOPE

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-12-22 23:37:06 UTC
From: Ralph Mowery <rmowery28146@earthlink.net>
Message-ID: <C_Zih.2838$yx6.1004@newsread2.news.pas.earthlink.net>
Source record: 626

<radio52@sbcglobal.net> wrote in message
news:blZih.2057$x67.16@newssvr17.news.prodigy.net...
>I would like to use my SM220 Scope for rtty. I believe I will need a
>demodulator for the mark and space separation for the h.input and the
>v.input. Anyone using there scope for rtty and what do you use for a
>demodulator?
>

I use a ST-6 and hook a scope to the mark and space filter outputs. If you want to , you can make a simple filter out of a 88 mh coil and a capacitor for each tone, Connect one to the vertical input and the other to the horizontal input of the scope. It does not mater which, but I think most use the horizontal input for the mark tone.

324. Visit Nighthawk's Forum

Newsgroup: rec.radio.amateur.digital.misc
Date: 2006-12-31 18:38:48 UTC
From: Nighthawk <miner1@flash.net>
Message-ID: <etTlh.10744$ZT3.5053@newssvr19.news.prodigy.com>
Source record: 627
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

If you have communications equipment you either want to buy, sell or give away, or you want to find out information on that new antenna, or radio you got for Christmas, visit Nighthawk's Forum

http://nighthawk.suddenlaunch2.com